

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

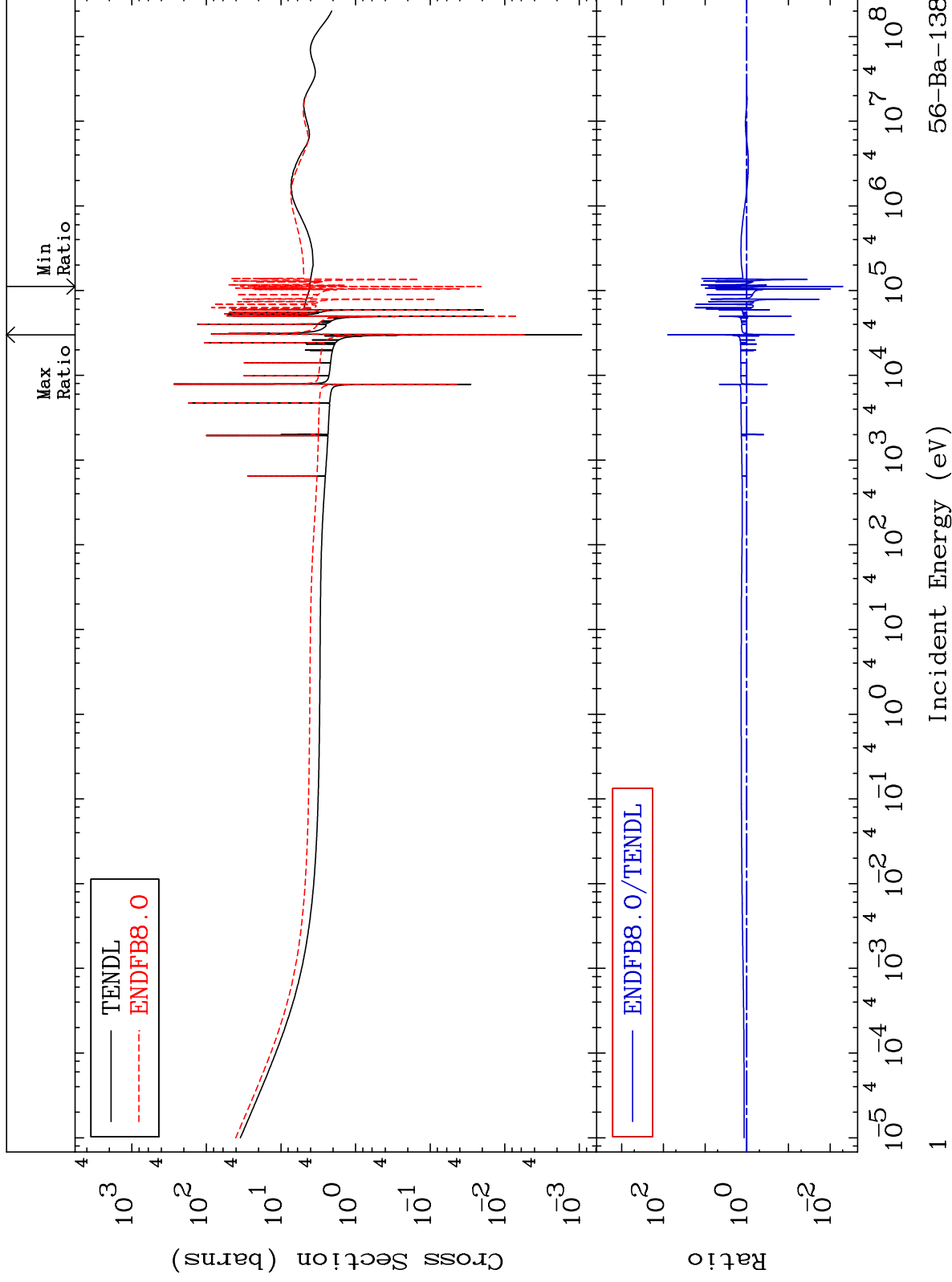
MAT 5649

Total

56-Ba-138

Cross Section

-99.50 To 7842. %



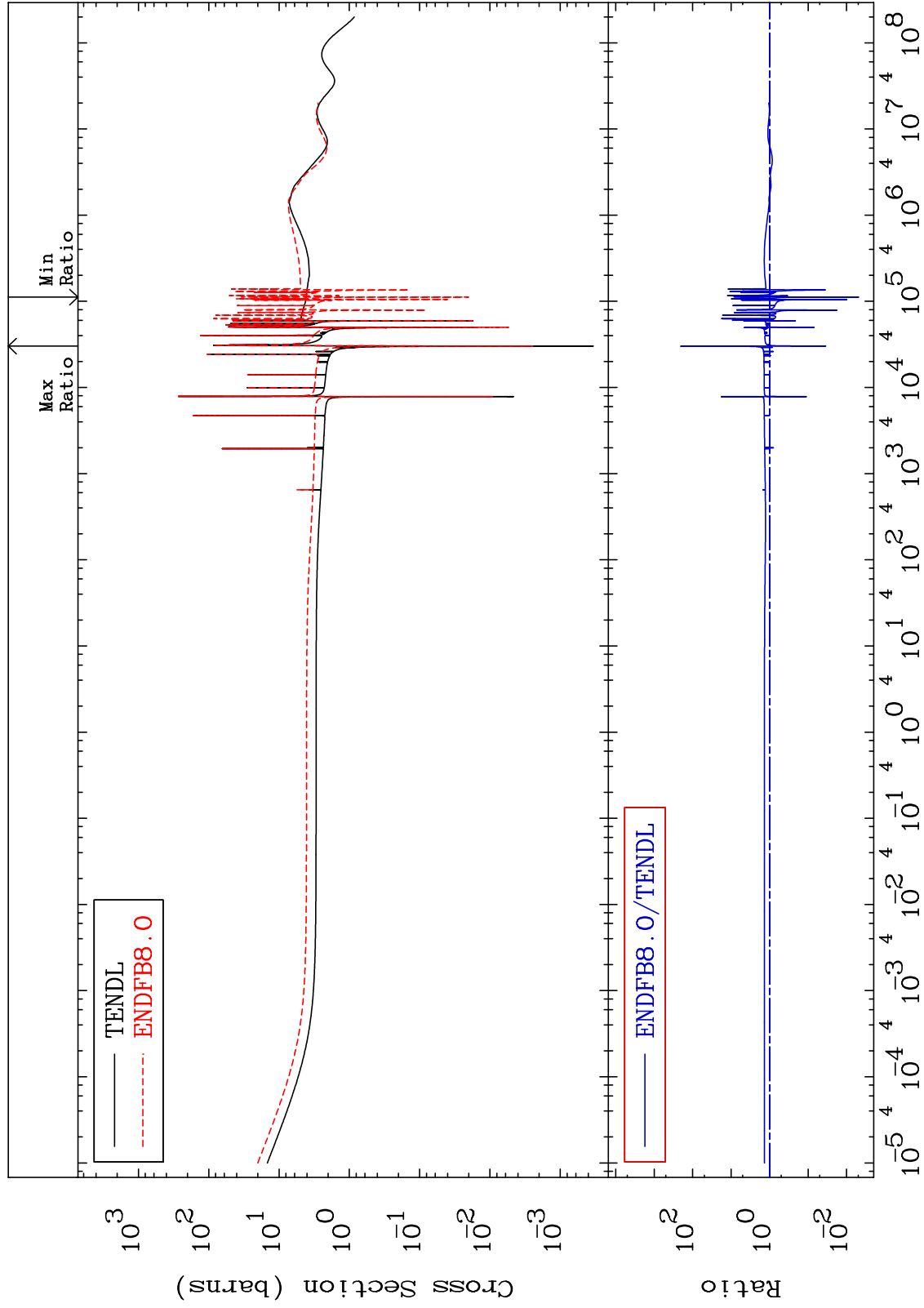
Incident Energy (eV)

56-Ba-138

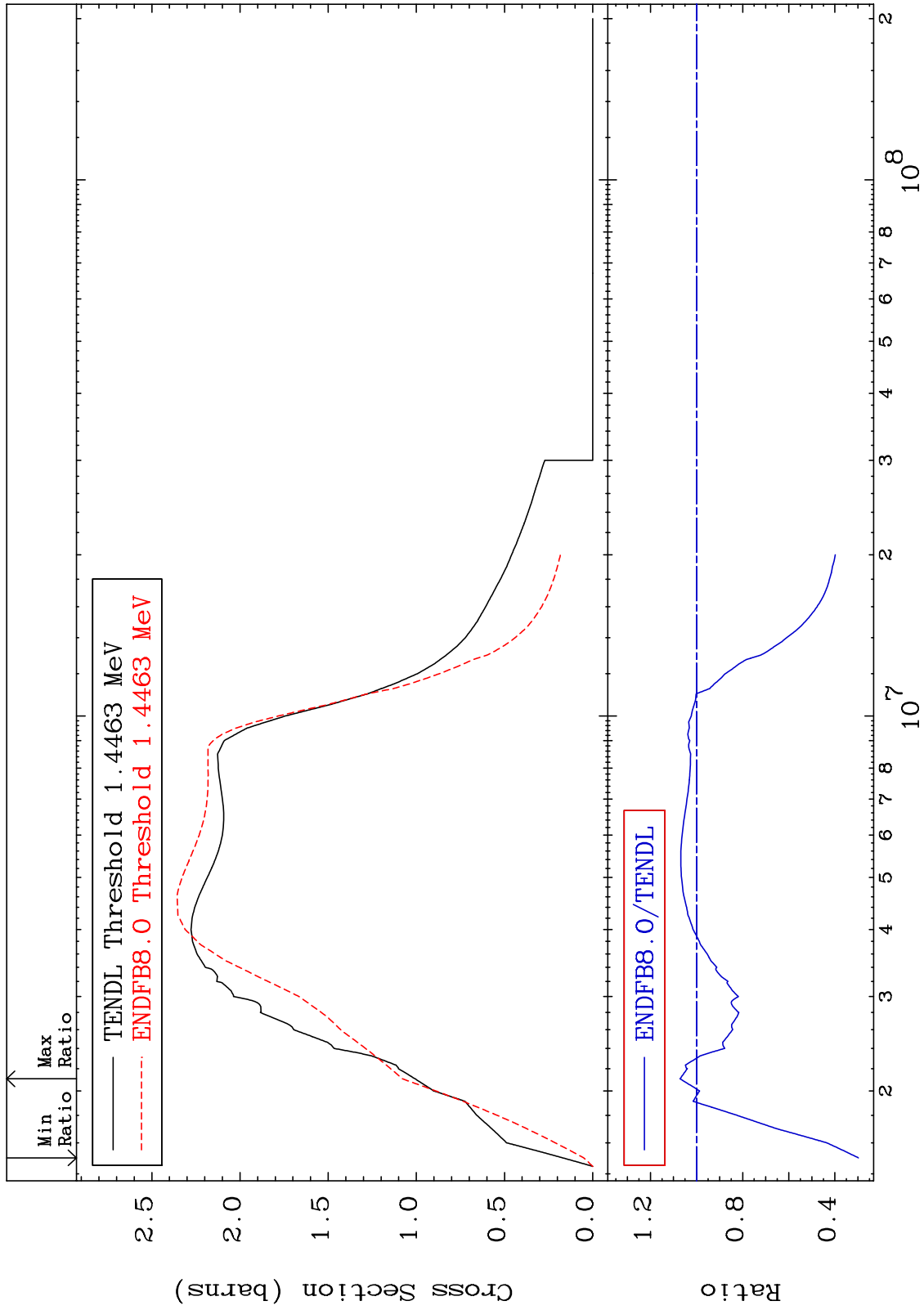
MAT 5649

Elastic
Cross Section

56-Ba-138
-99.51 To 9999. %



MAT 5649 Inelastic Cross Section 56-Ba-138 -70.20 To 7.175 %



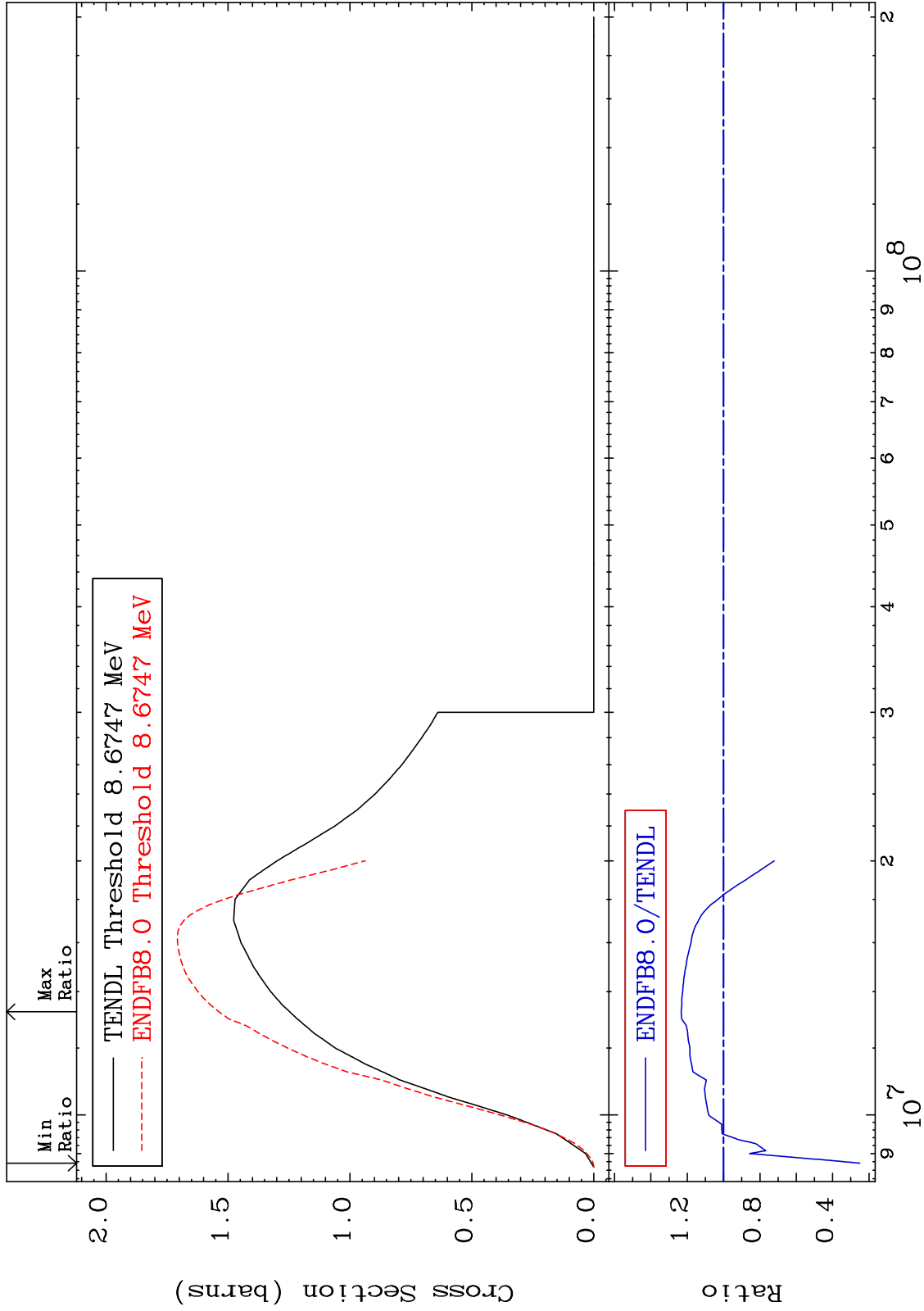
MAT 5649

(n,2n)

56-Ba-138

Cross Section

-75.02 To 23.31 %



56-Ba-138

Incident Energy (eV)

4

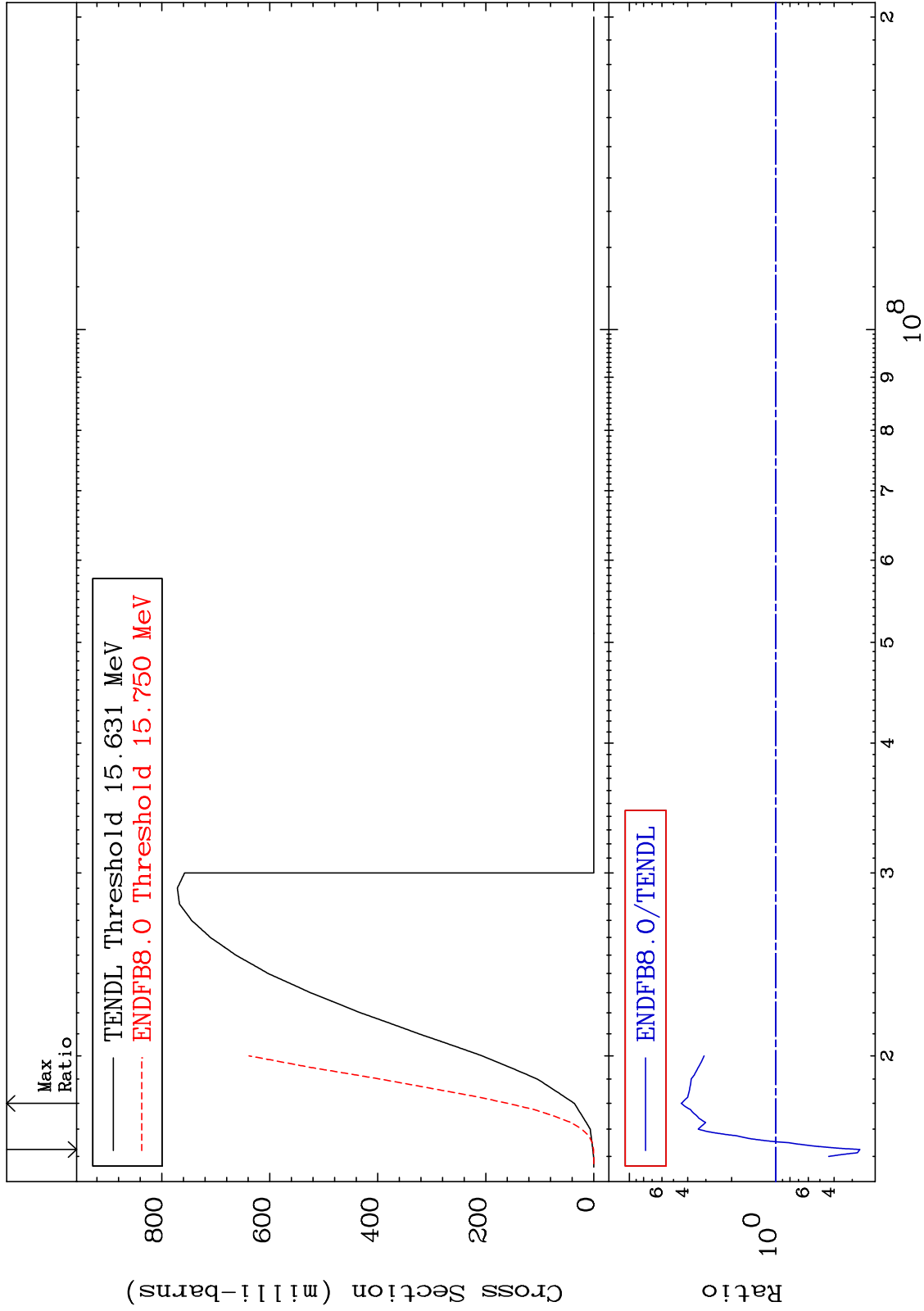
MAT 5649

(n, 3n)

56-Ba-138

Cross Section

-73.40 To 342.7 %



Incident Energy (eV)

56-Ba-138

5

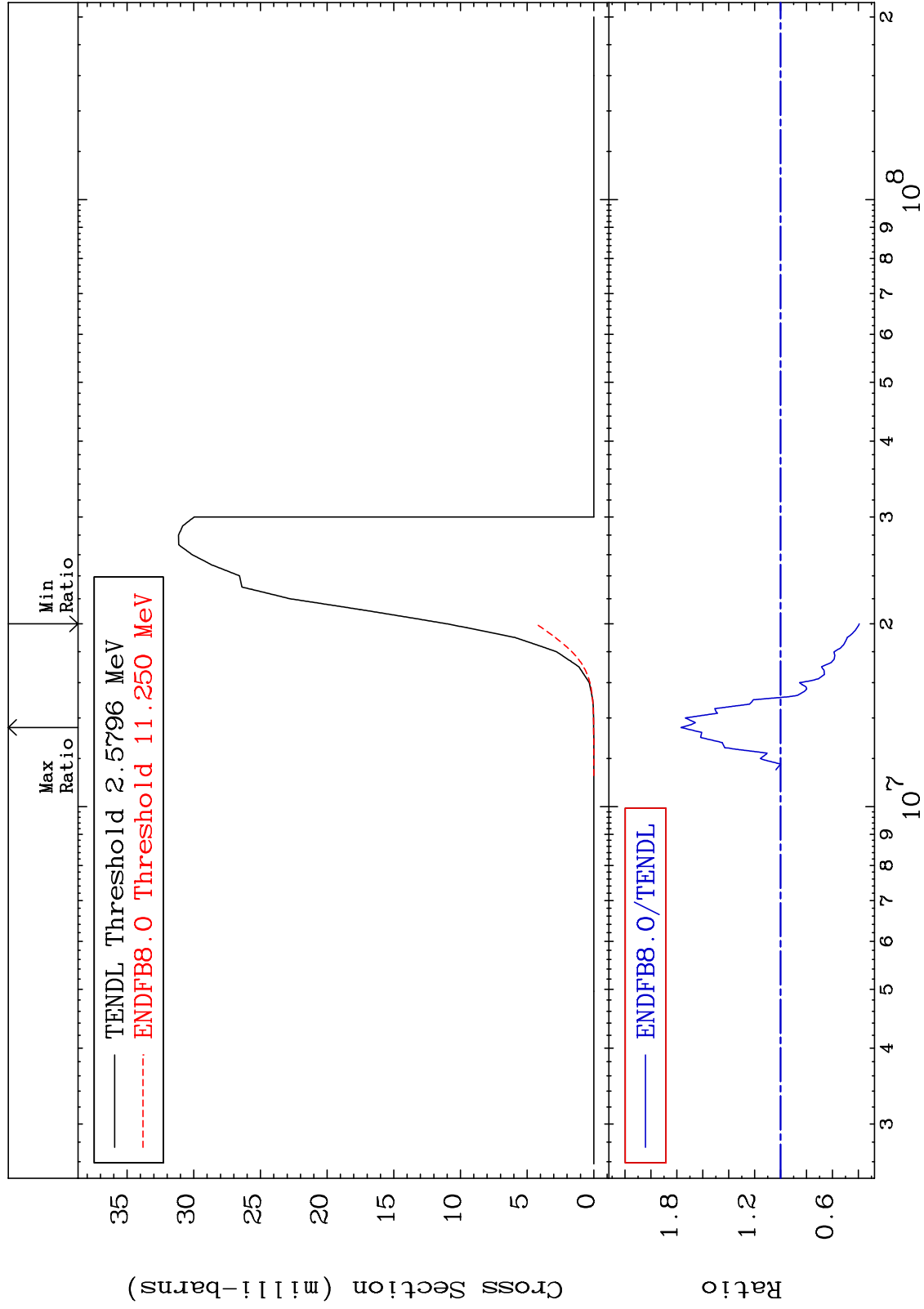
MAT 5649

(n, n') α

56-Ba-138

Cross Section

-60.65 To 76.81 %



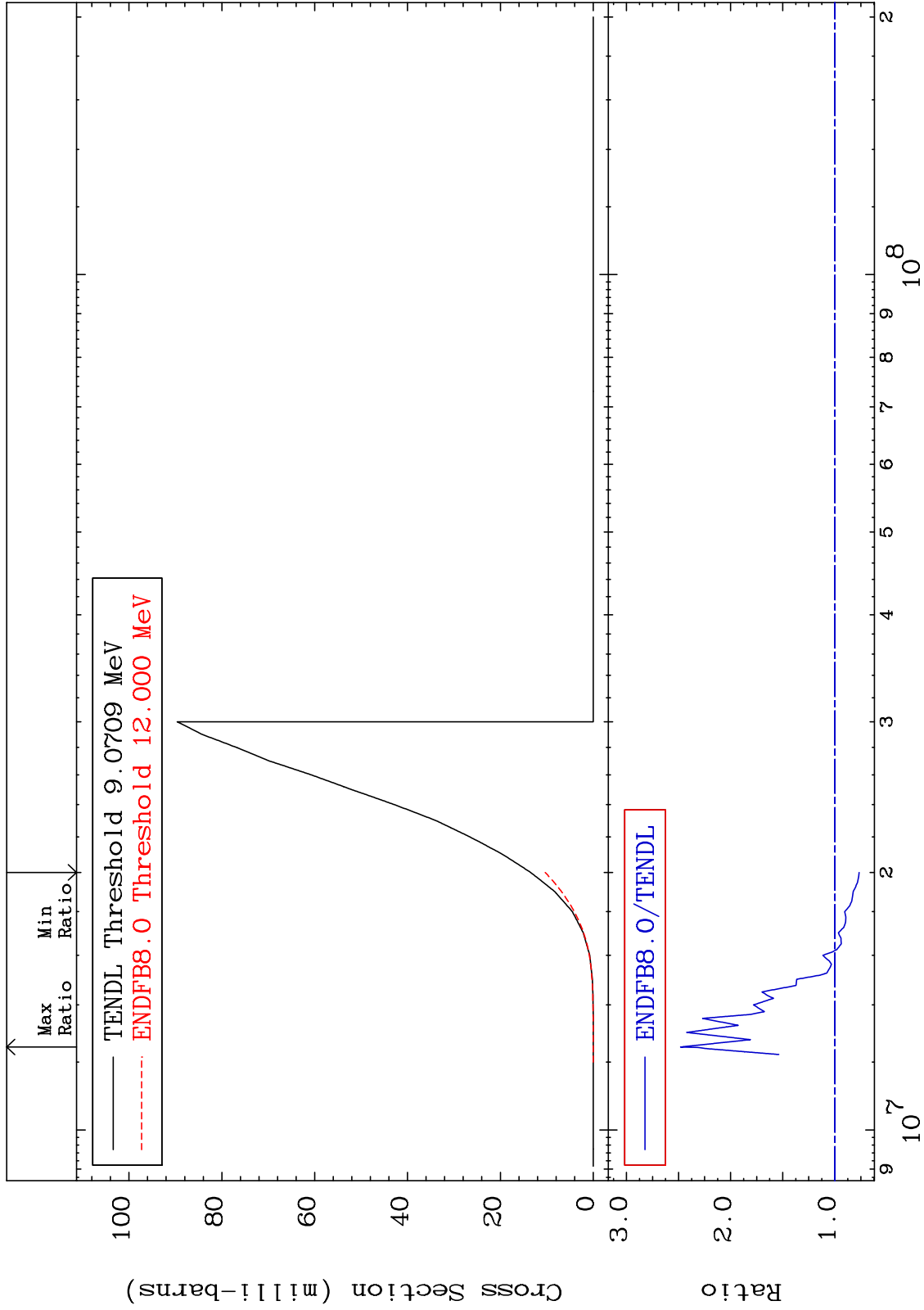
MAT 5649

(n,n') p

56-Ba-138

Cross Section

-23.39 To 148.0 %



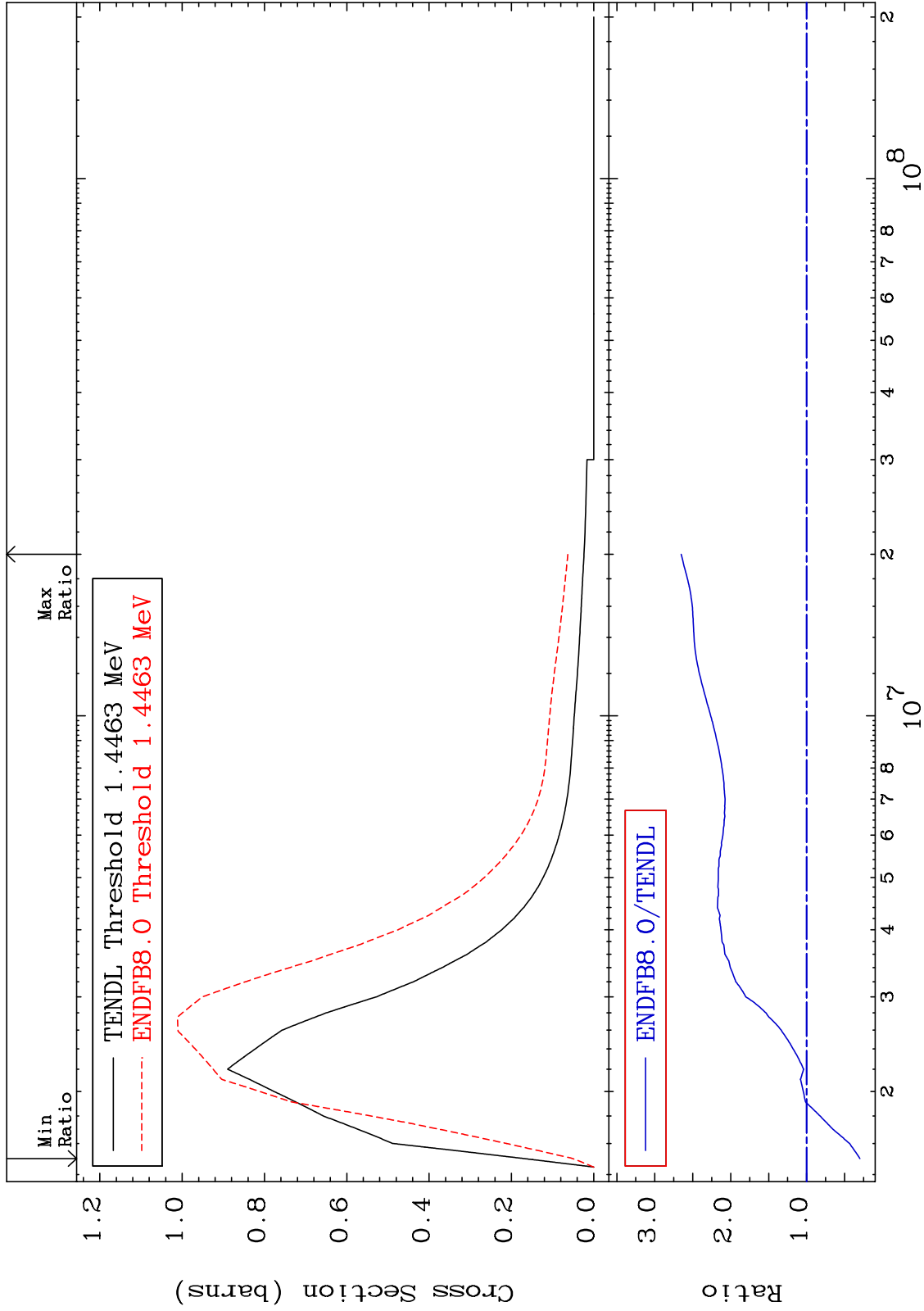
Incident Energy (eV)

56-Ba-138

MAT 5649

MT= 51 (n,n') Level
Cross Section

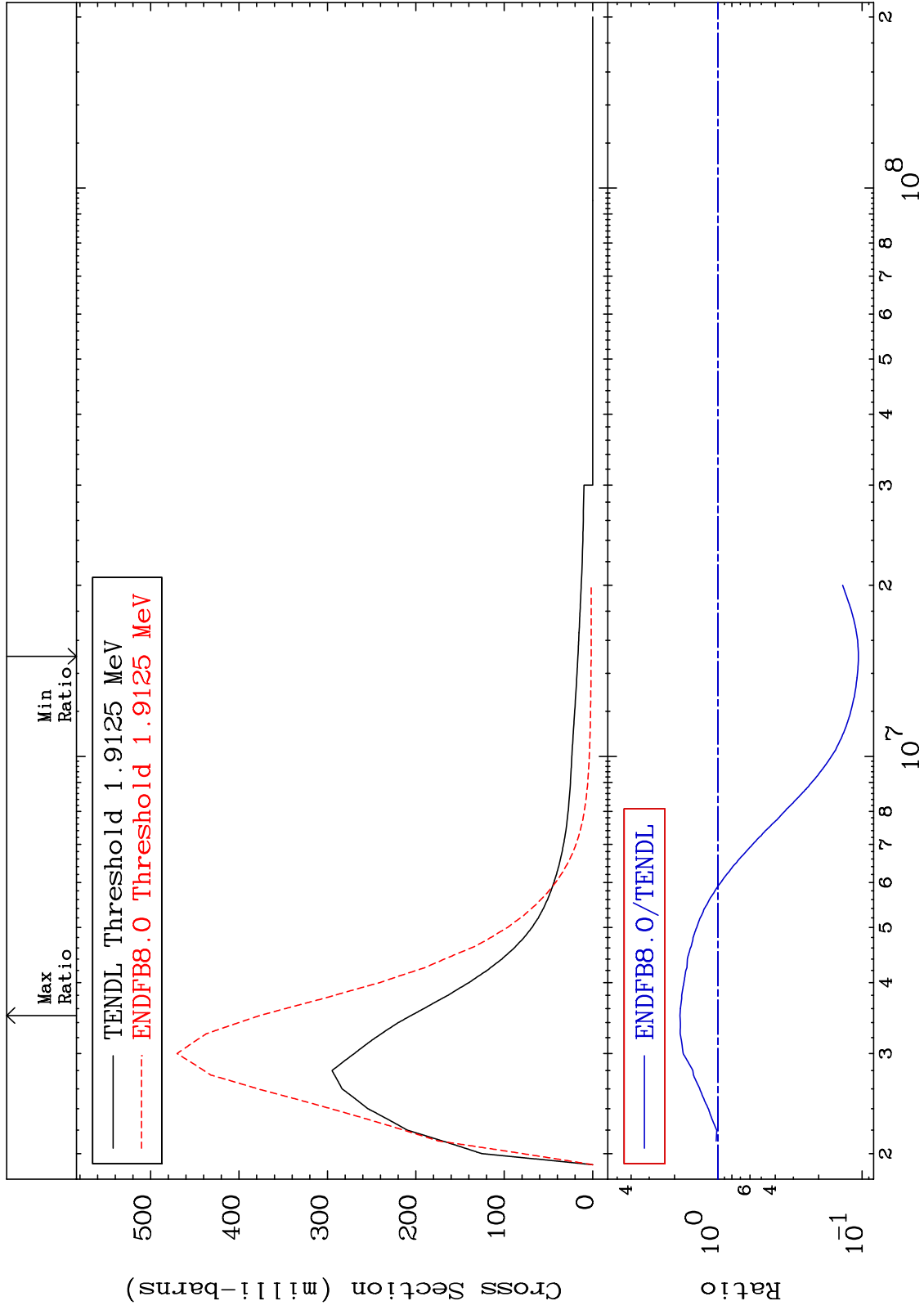
56-Ba-138
-70.20 To 165.2 %



MAT 5649

MT= 52 (n,n') Level
Cross Section

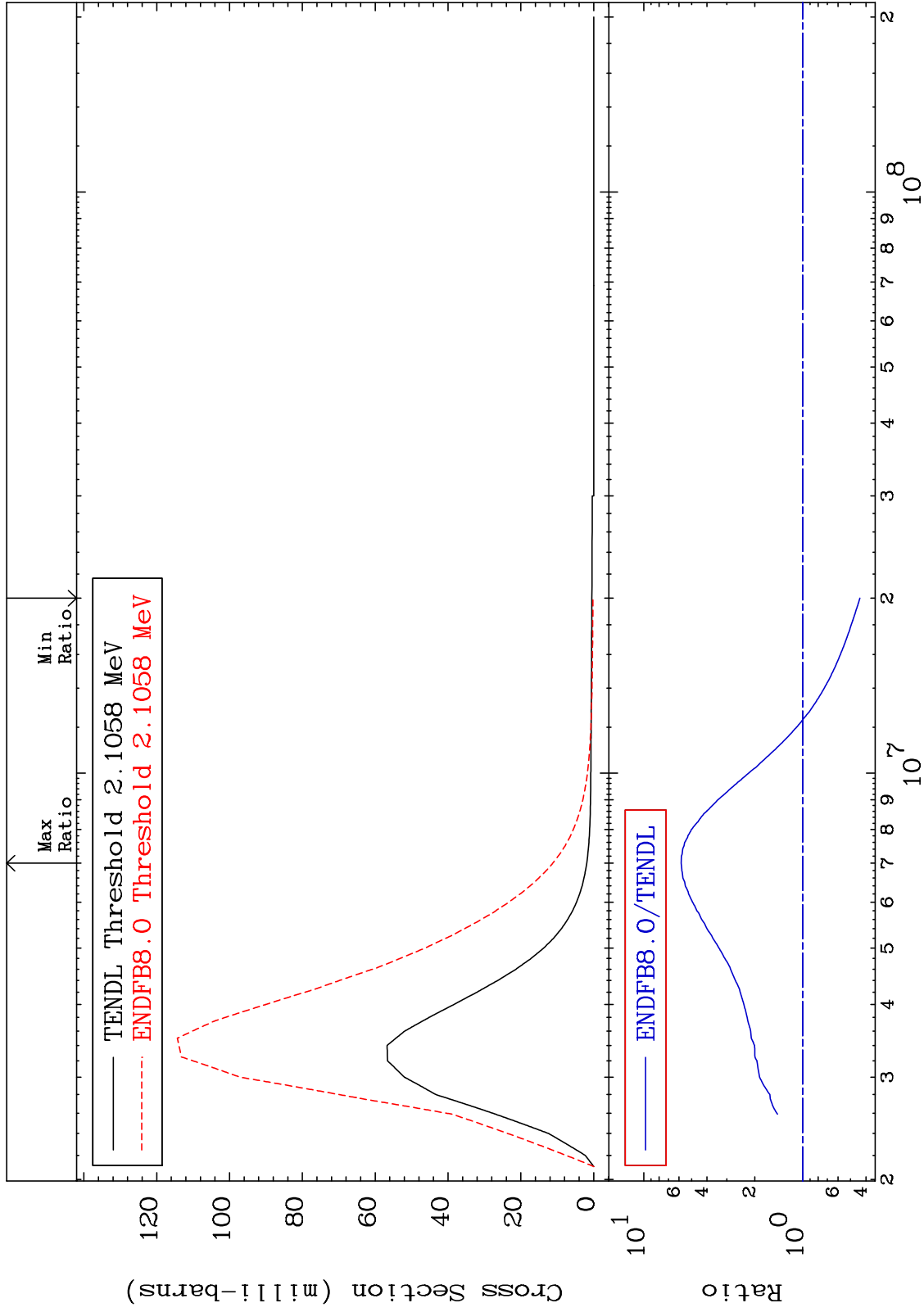
56-Ba-138
-89.38 To 83.20 %



MAT 5649

MT= 53 (n,n') Level
Cross Section

56-Ba-138
-56.37 To 481.3 %

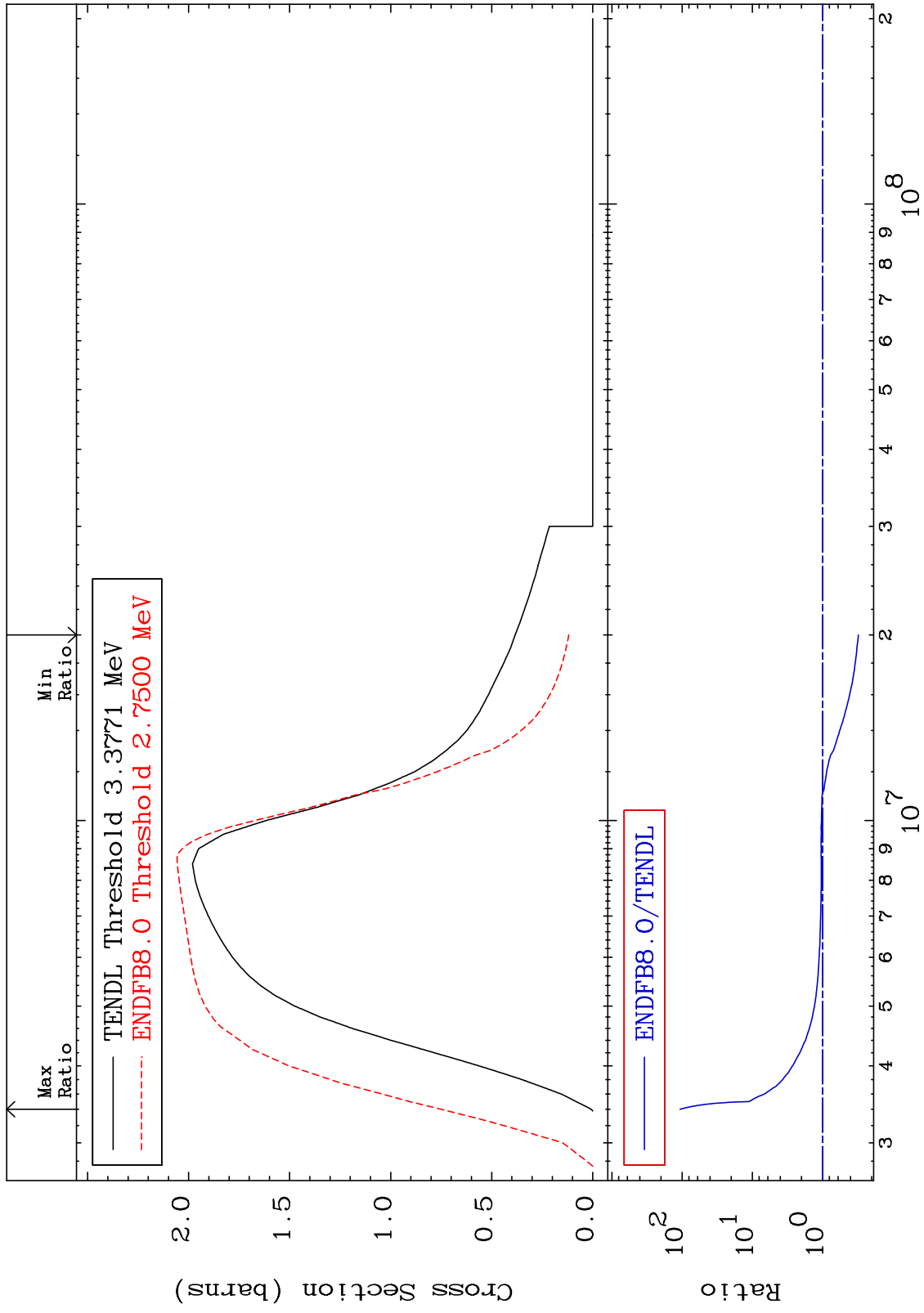


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Incident Energy (eV)

56-Ba-138

MAT 5649 (n, n') Continuum Cross Section 56-Ba-138 -69.20 To 9999. %



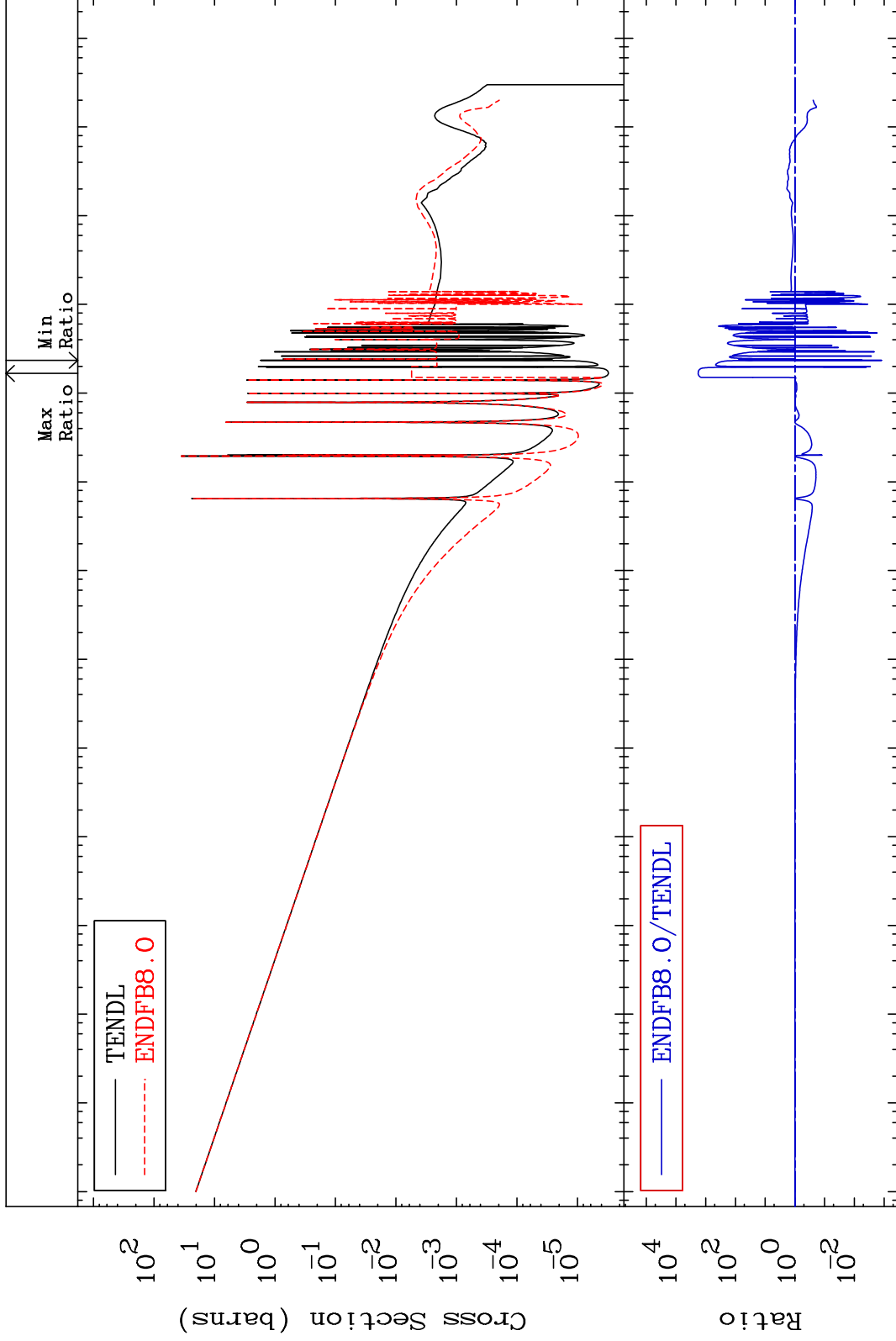
MAT 5649

(n, γ)

56-Ba-138

Cross Section

-99.88 To 9999. %



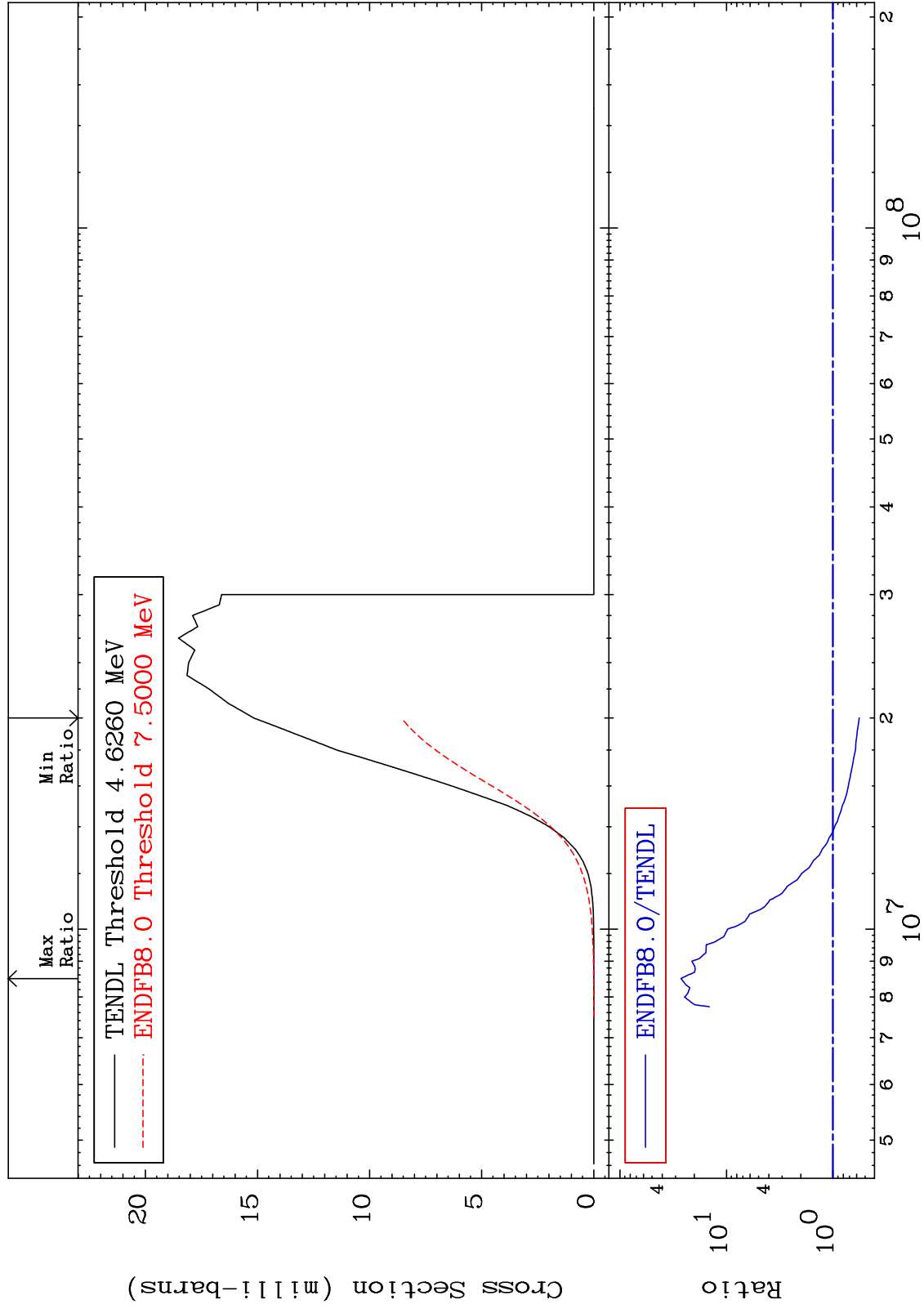
MAT 5649

(n, p)

56-Ba-138

Cross Section

-43.40 To 2567. %



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Incident Energy (eV)

56-Ba-138

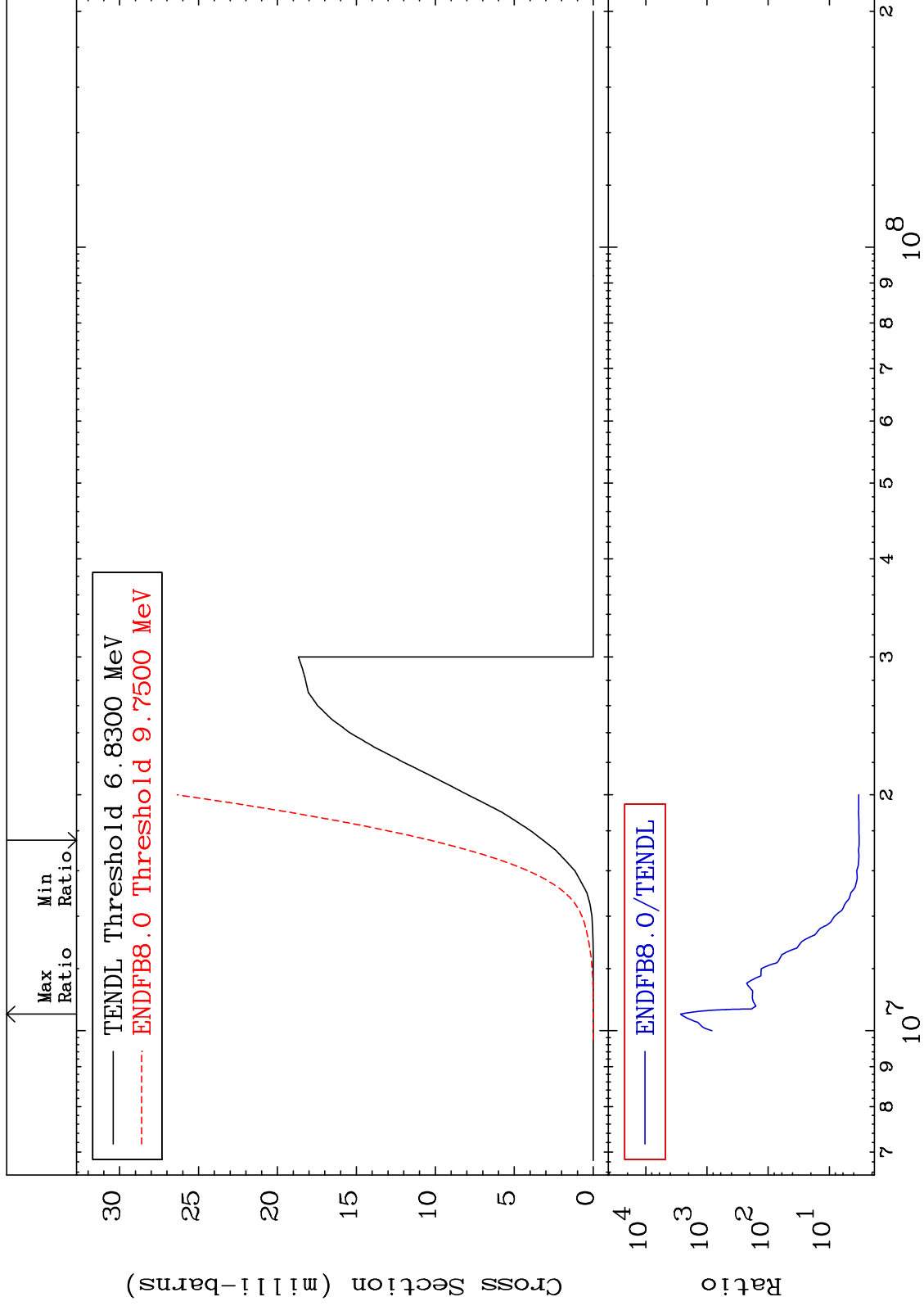
MAT 5649

(n, d)

56-Ba-138

Cross Section

225.1 To 9999. %



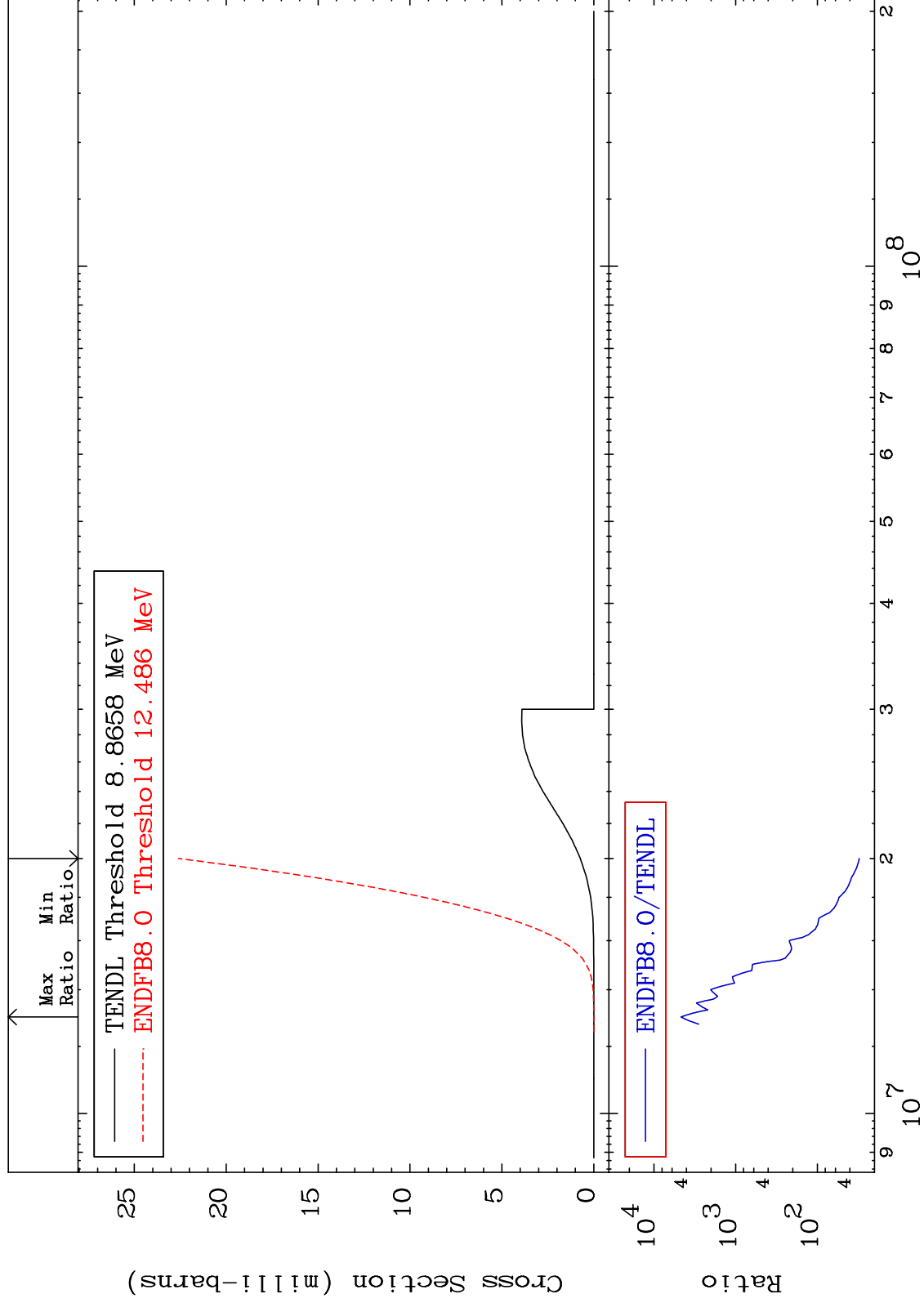
MAT 5649

(n, t)

56-Ba-138

Cross Section

2973. To 9999. %



15

Incident Energy (eV)

56-Ba-138

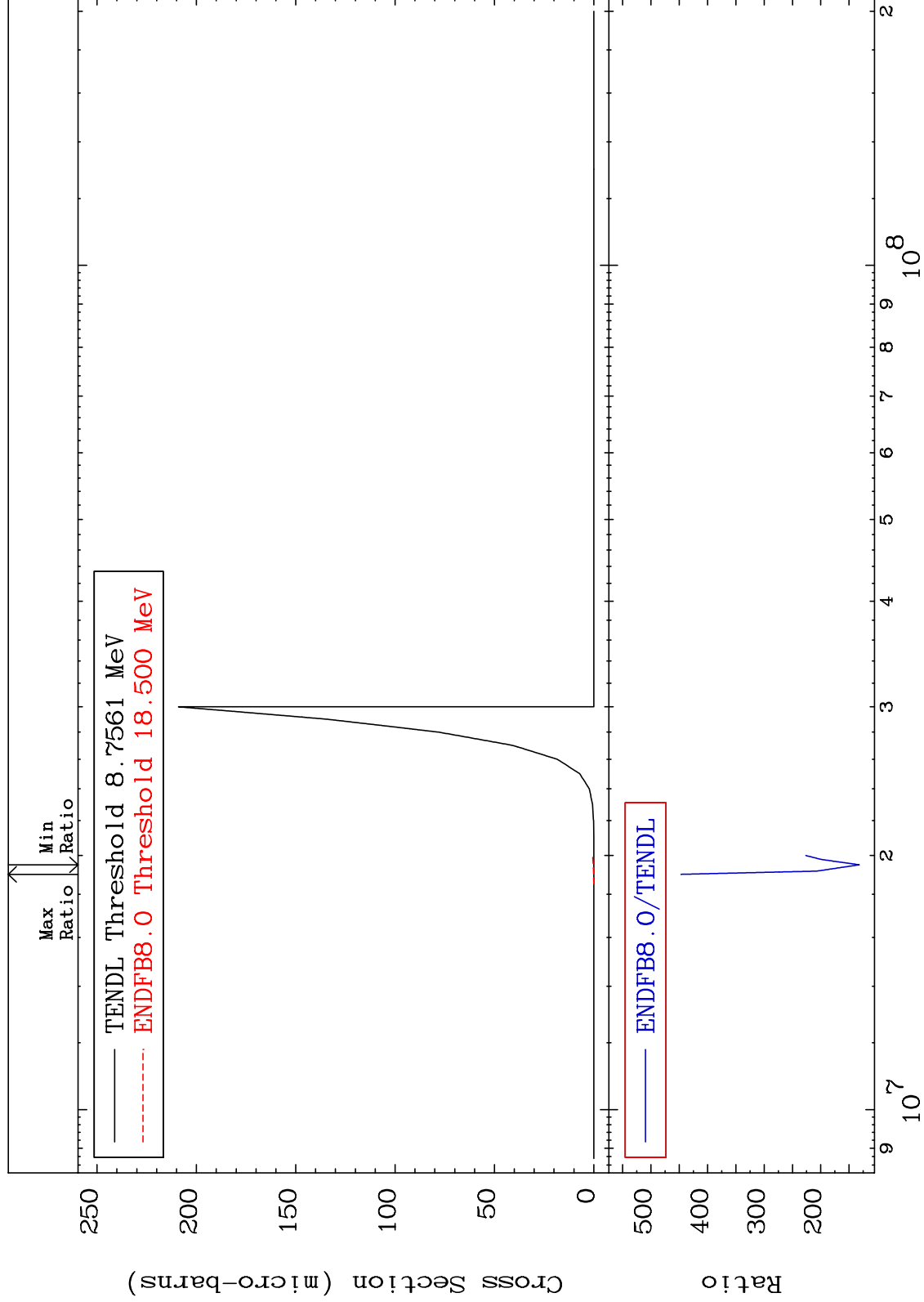
MAT 5649

(n, He-3)

56-Ba-138

Cross Section

9999. To 9999. %



16

56-Ba-138

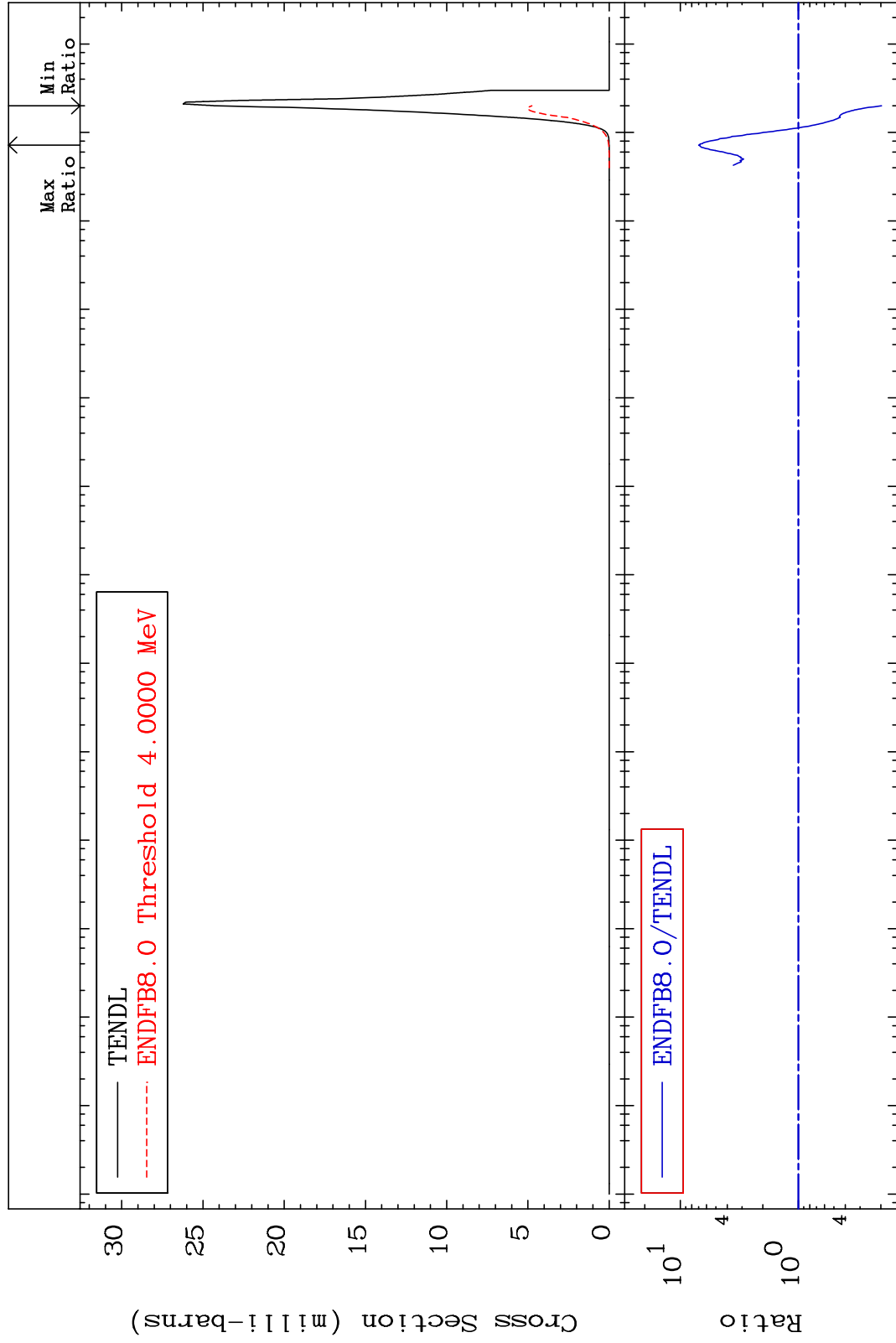
MAT 5649

(n, α)

56-Ba-138

Cross Section

-80.32 To 597.7 %



17

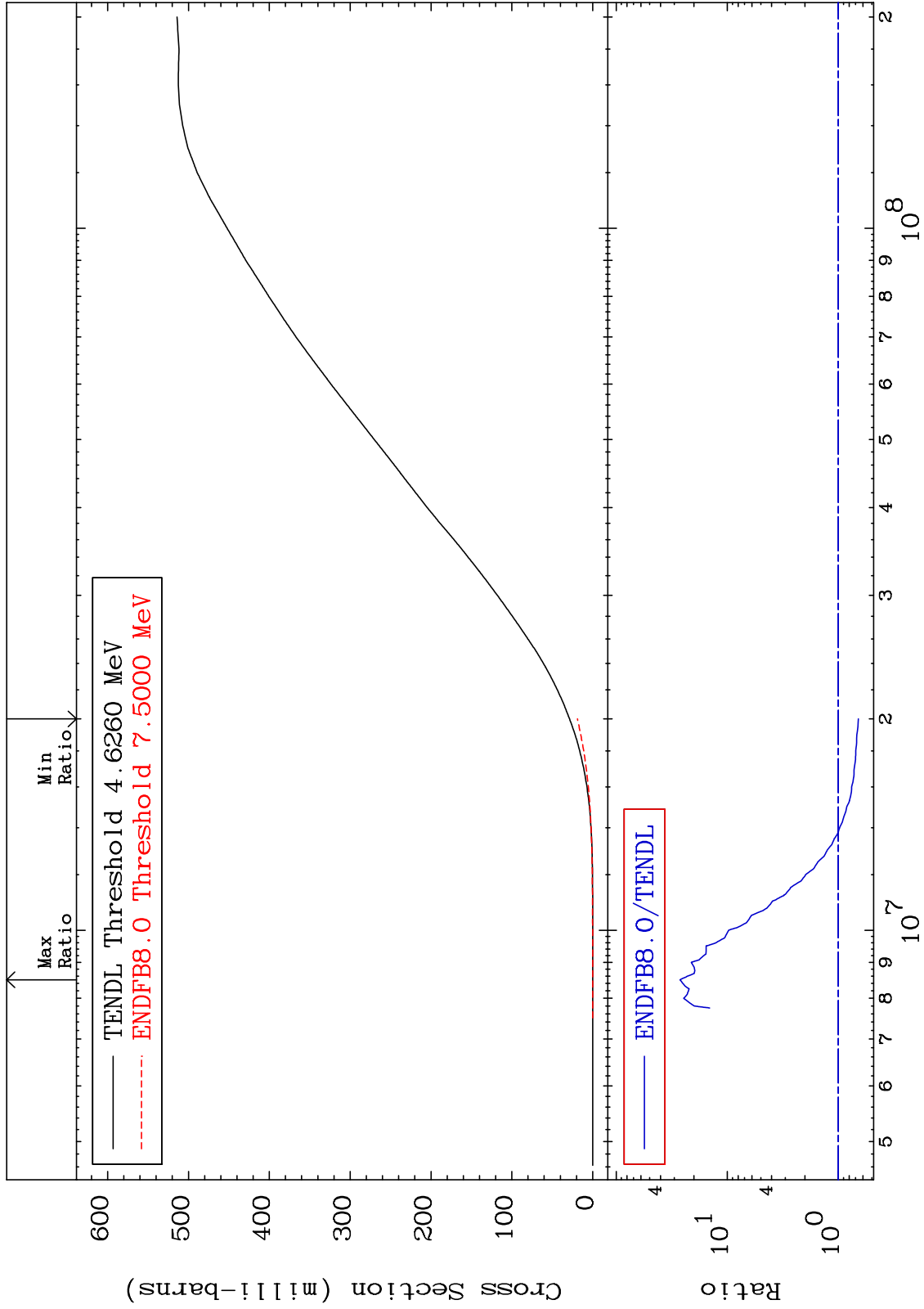
Incident Energy (eV)

56-Ba-138

MAT 5649

Hydrogen Production
Cross Section

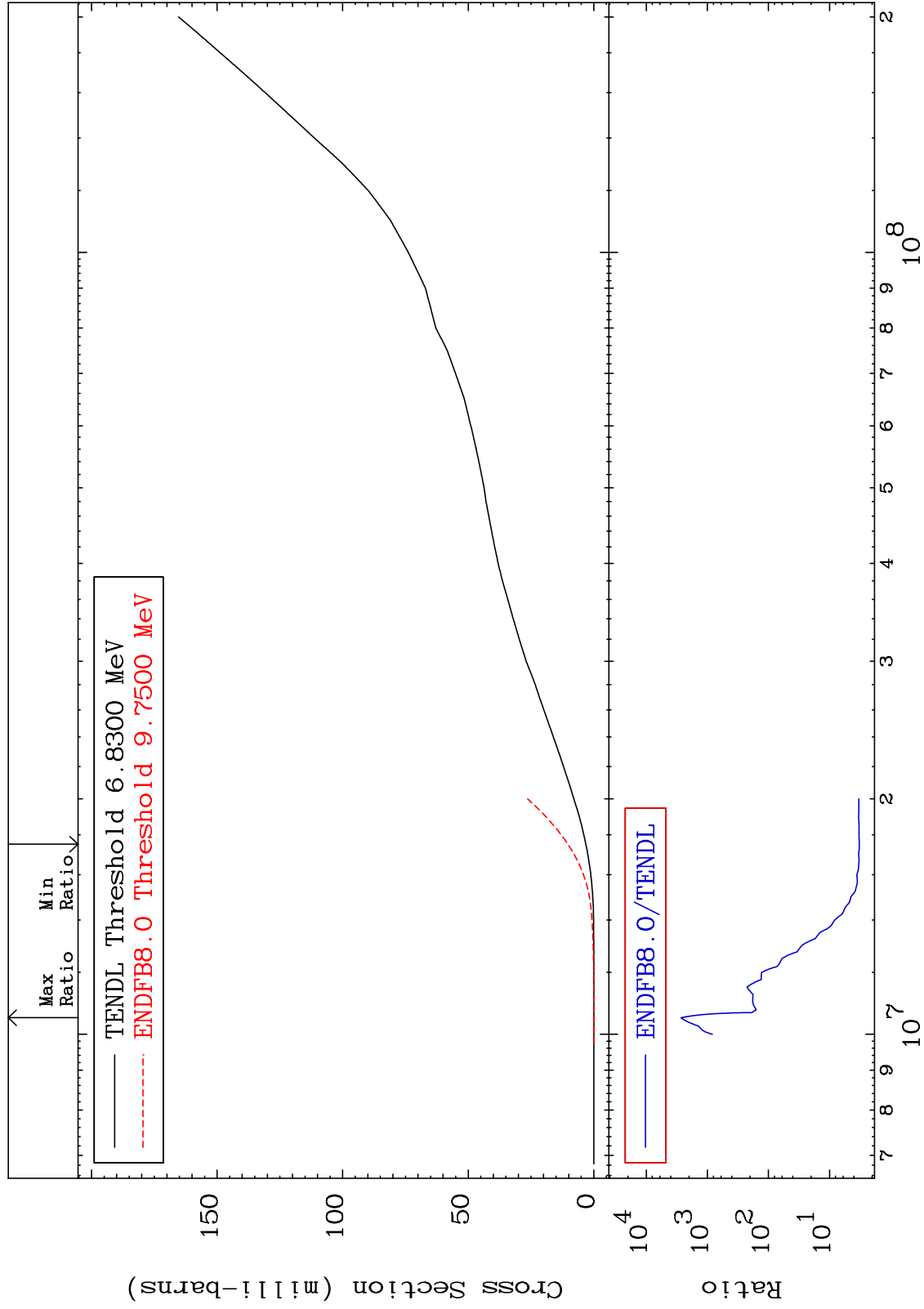
56-Ba-138
-33.97 To 2567. %



MAT 5649

Deuterium Production
Cross Section

56-Ba-138
225.1 To 9999. %



19

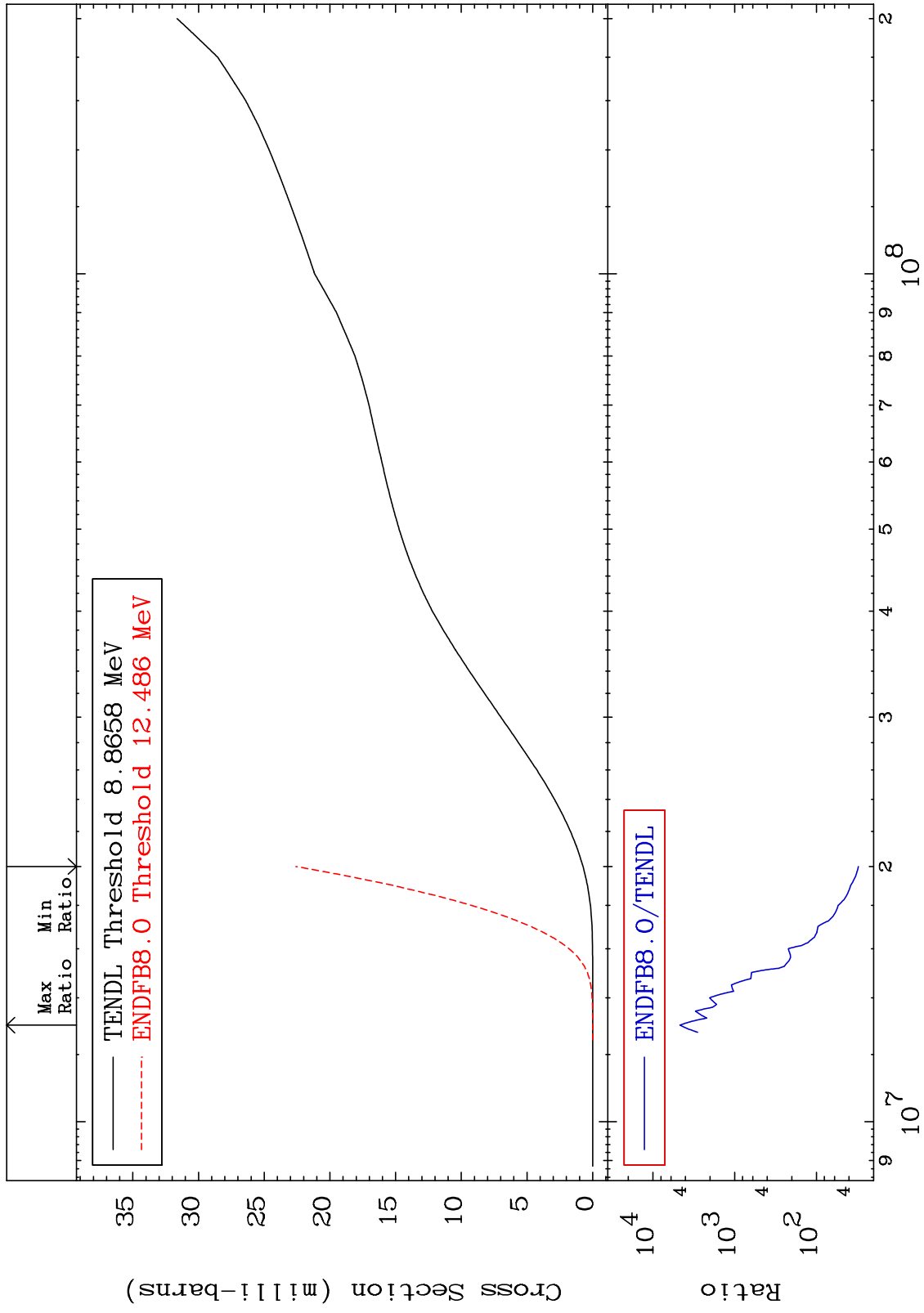
Incident Energy (eV)

56-Ba-138

MAT 5649

Tritium Production
Cross Section

56-Ba-138
2973. To 9999. %



20

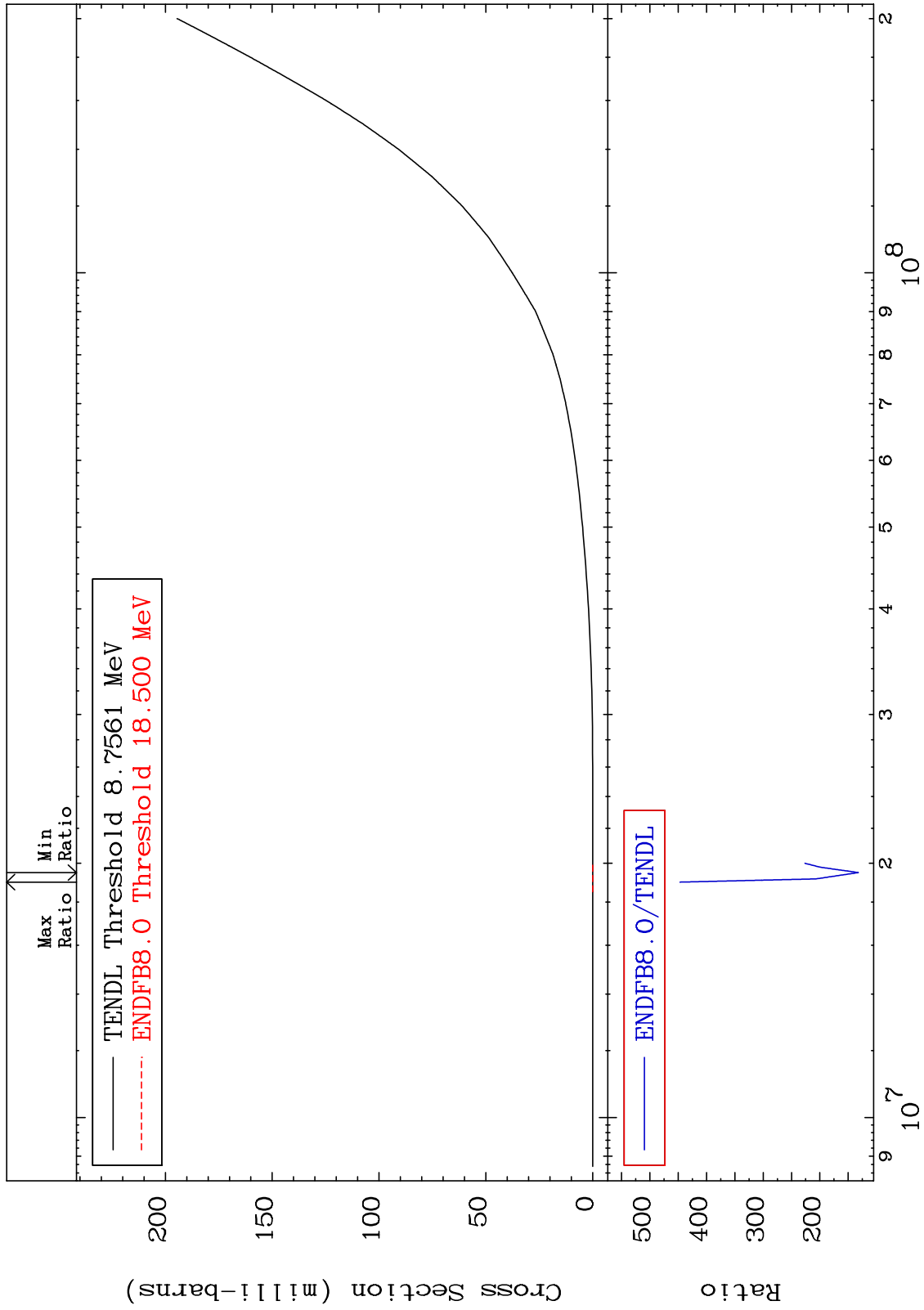
Incident Energy (eV)

56-Ba-138

MAT 5649

He-3 Production
Cross Section

56-Ba-138
9999. To 9999. %



21

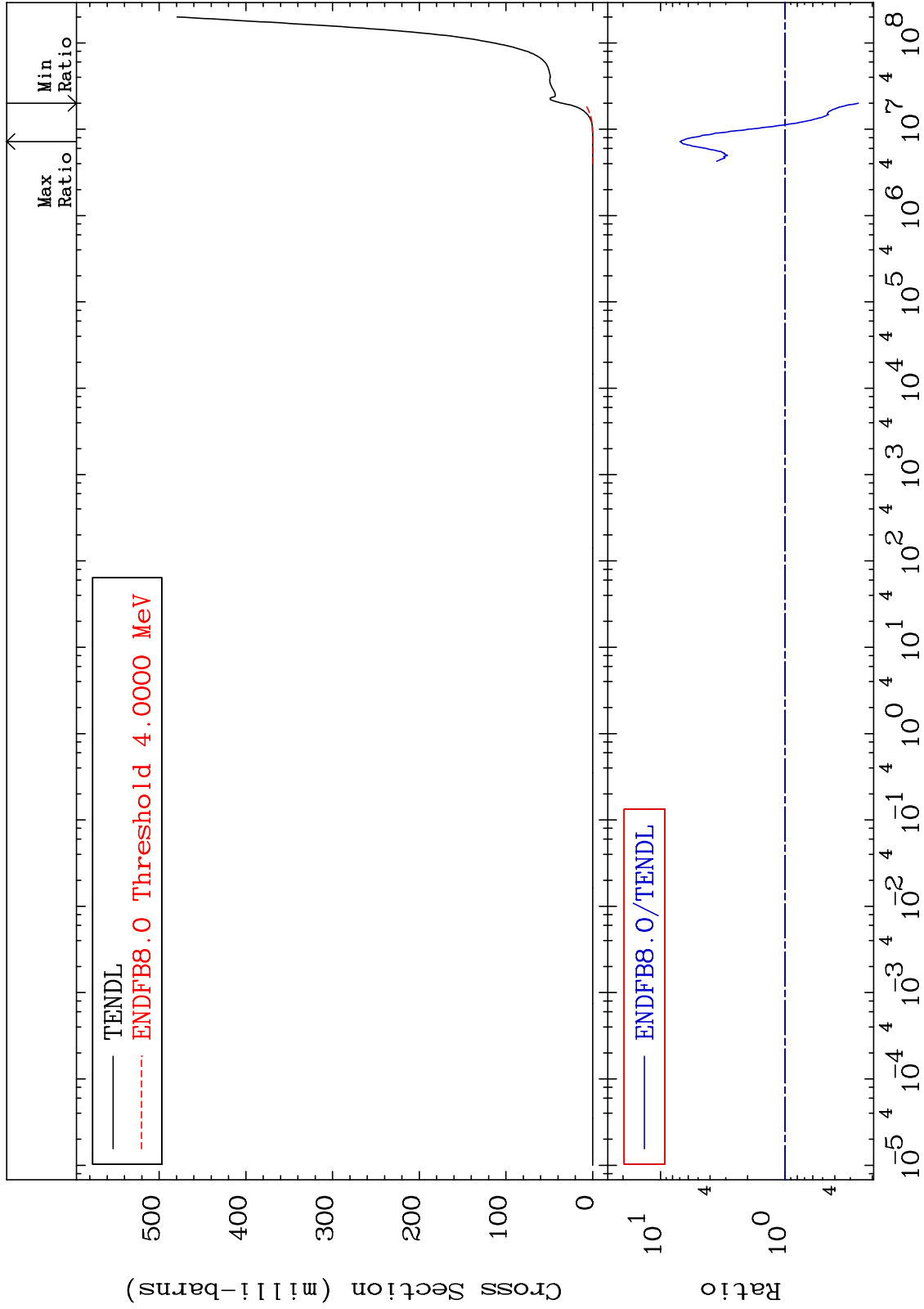
Incident Energy (eV)

56-Ba-138

MAT 5649

He-4 Production
Cross Section

56-Ba-138
-74.17 To 597.7 %



22

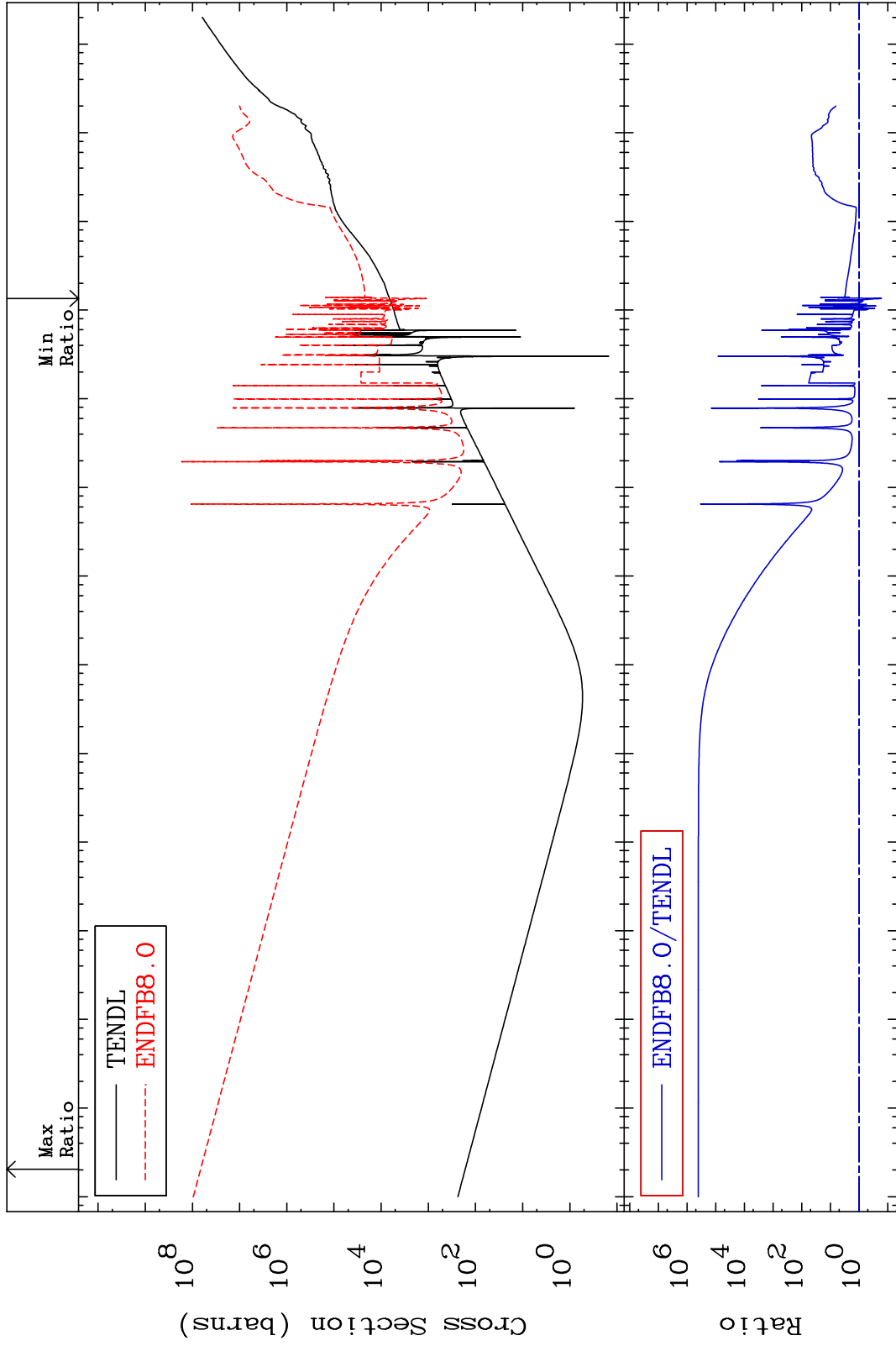
Incident Energy (eV)

56-Ba-138

MAT 5649

Kerma total (eV-barns)
Cross Section

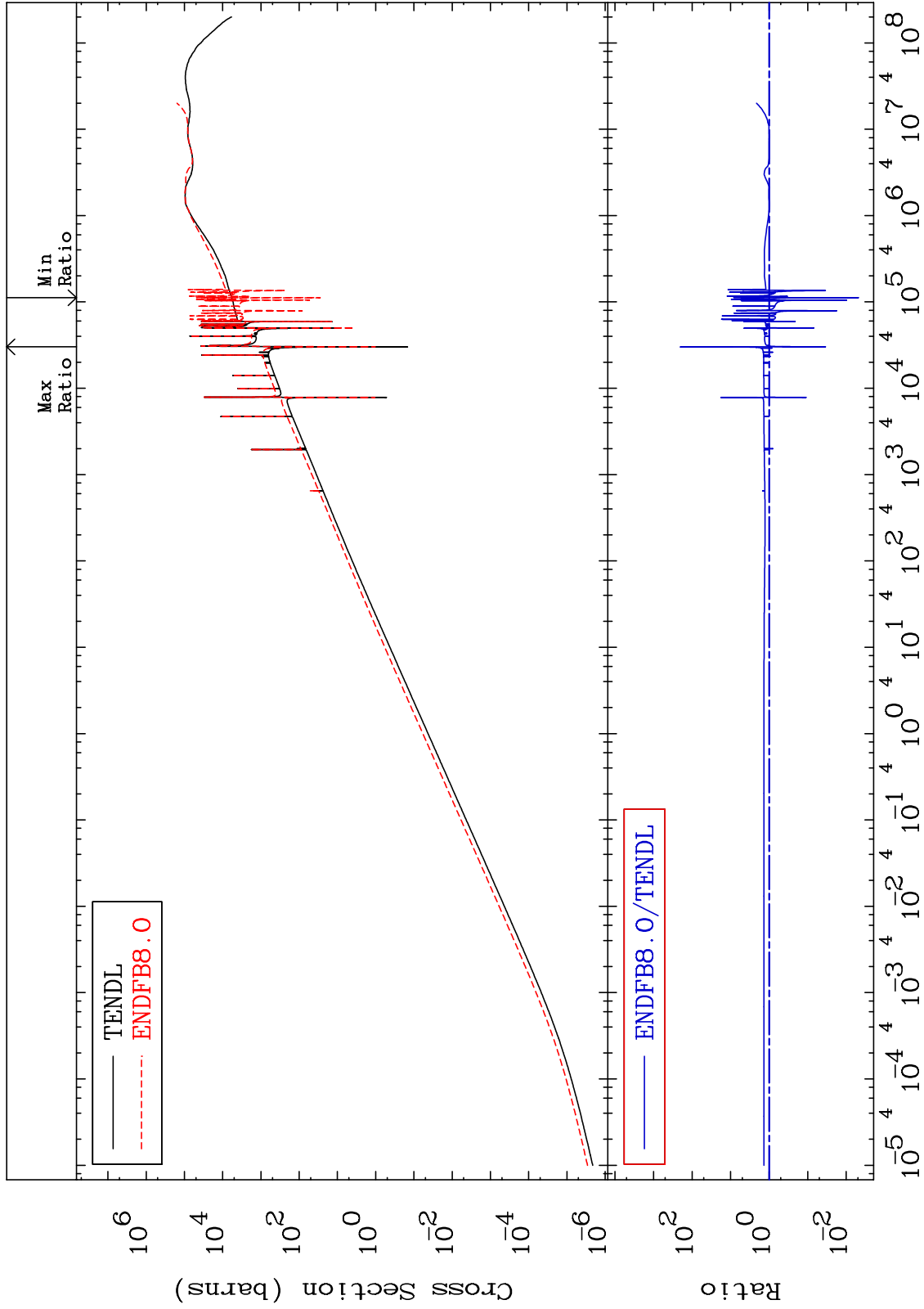
56-Ba-138
-83.39 To 9999. %



MAT 5649

Kerma elastic
Cross Section

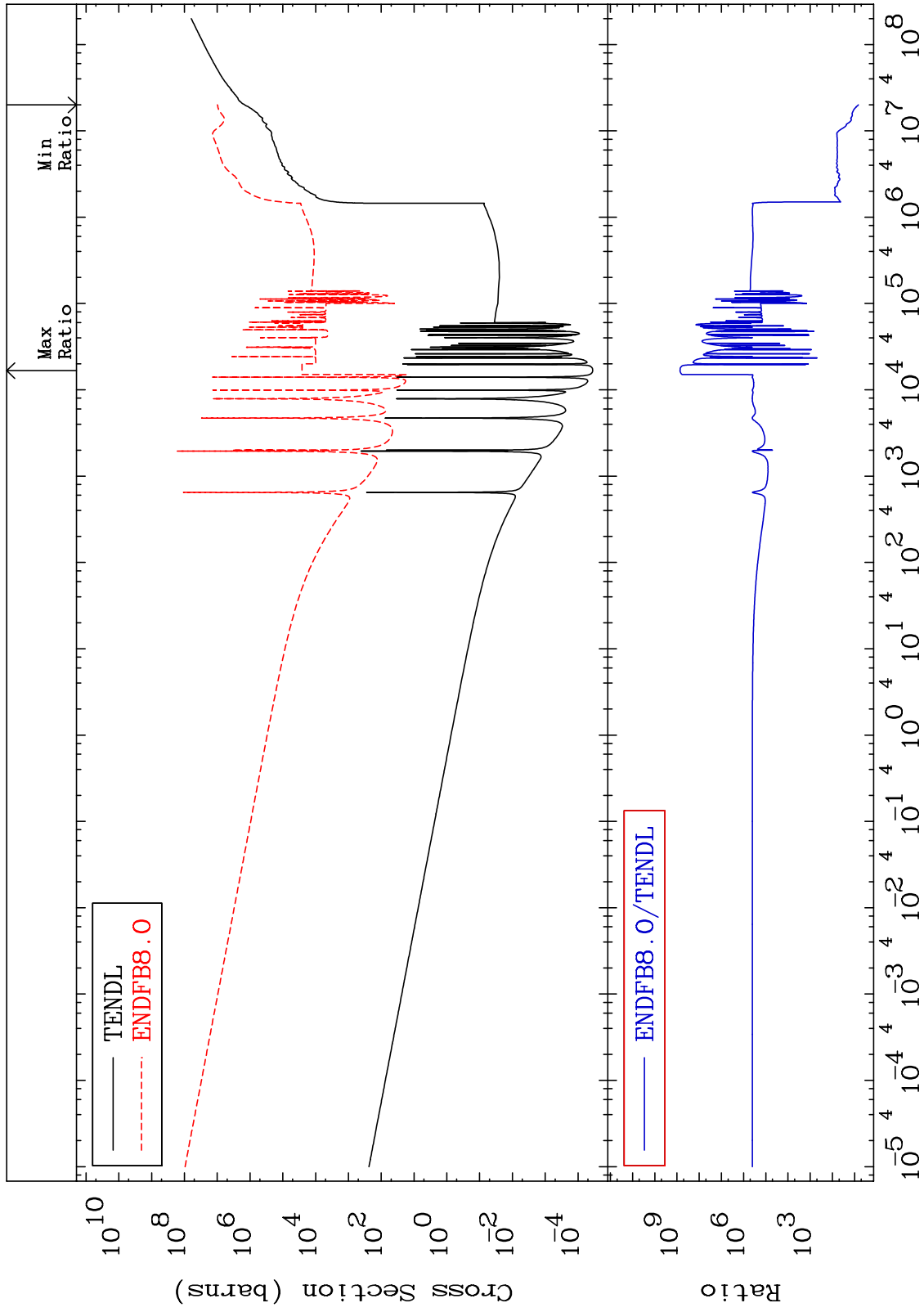
56-Ba-138
-99.52 To 9999. %



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Kerma non-elastic (all but mt2)
Cross Section

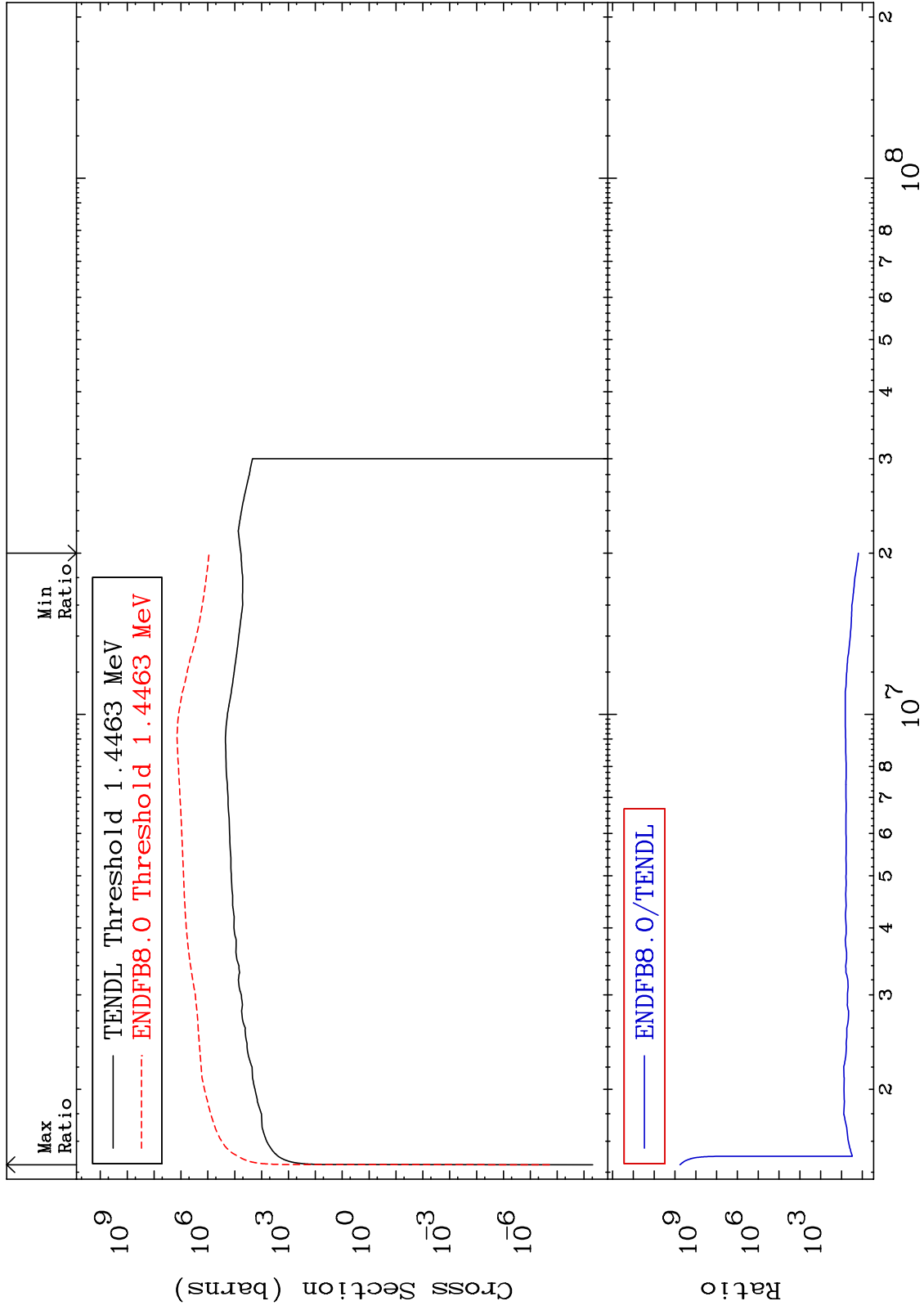
56-Ba-138
574.3 To 9999. %



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Kerma inelastic (mt51-91)
Cross Section

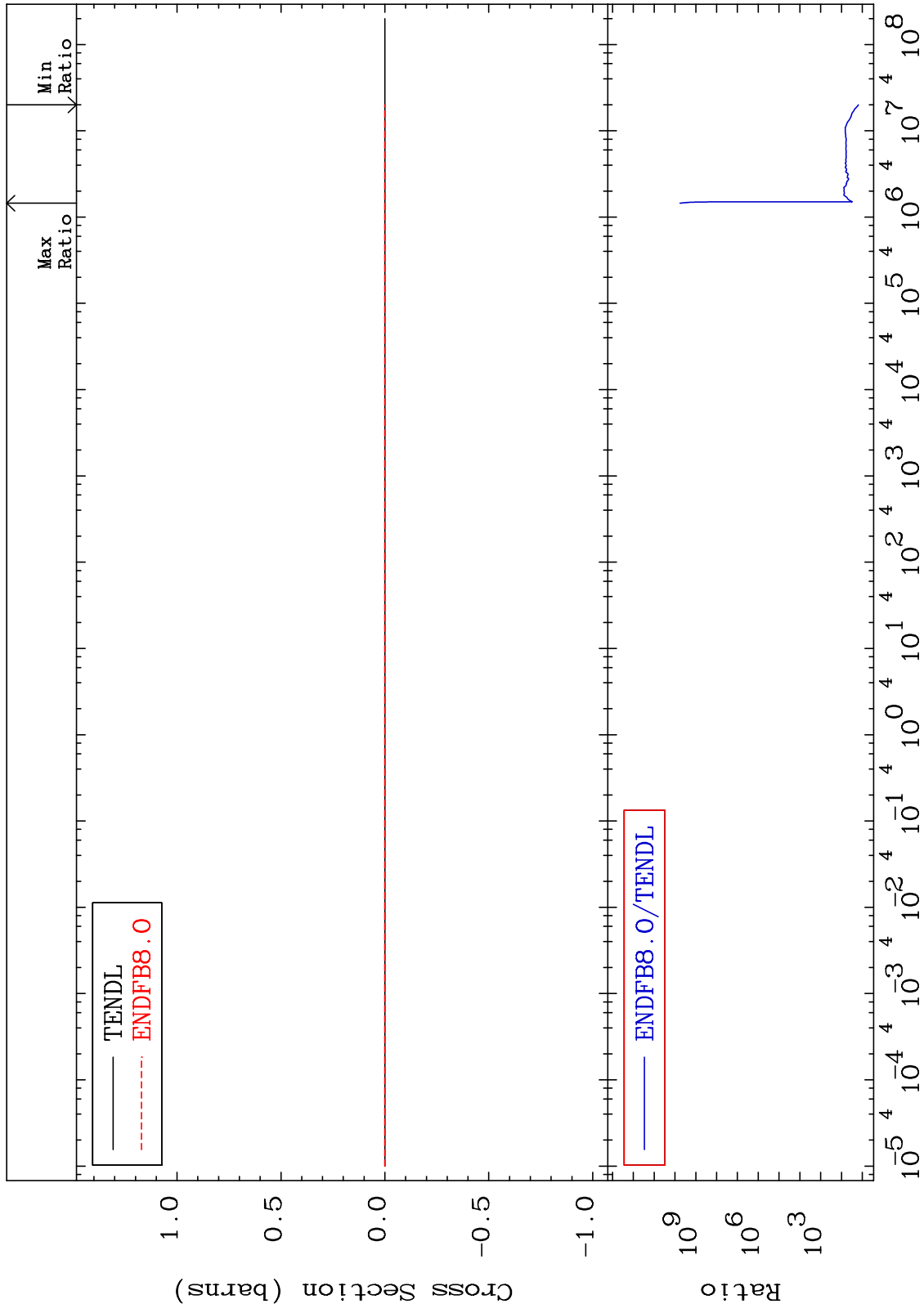
56-Ba-138
1438. To 9999. %



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Kerma fission (mt18 or mt19-20-21-38)
Cross Section

56-Ba-138
1438. To 9999. %



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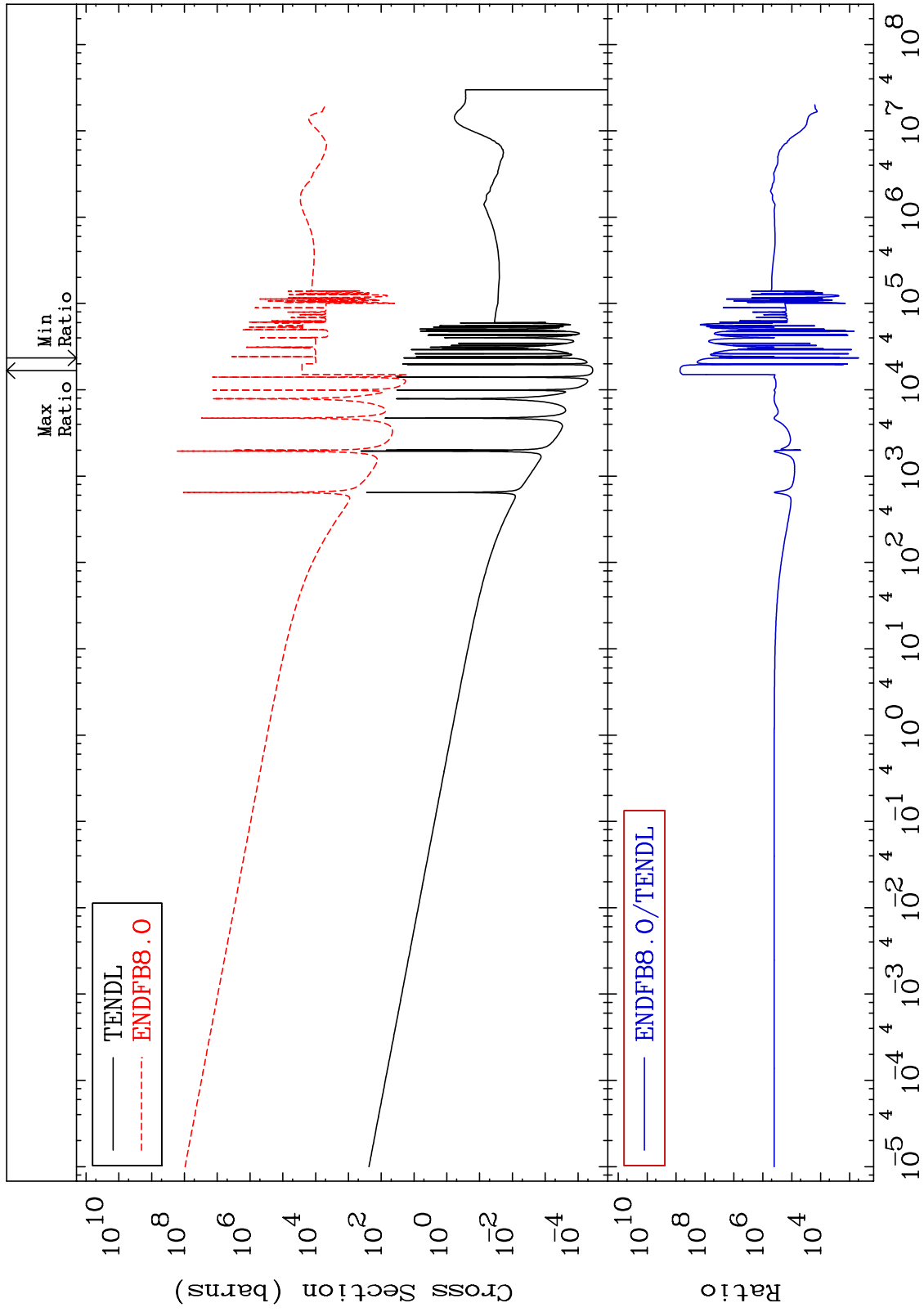
Incident Energy (eV)

56-Ba-138

MAT 5649

Kerma capture (mt102)
Cross Section

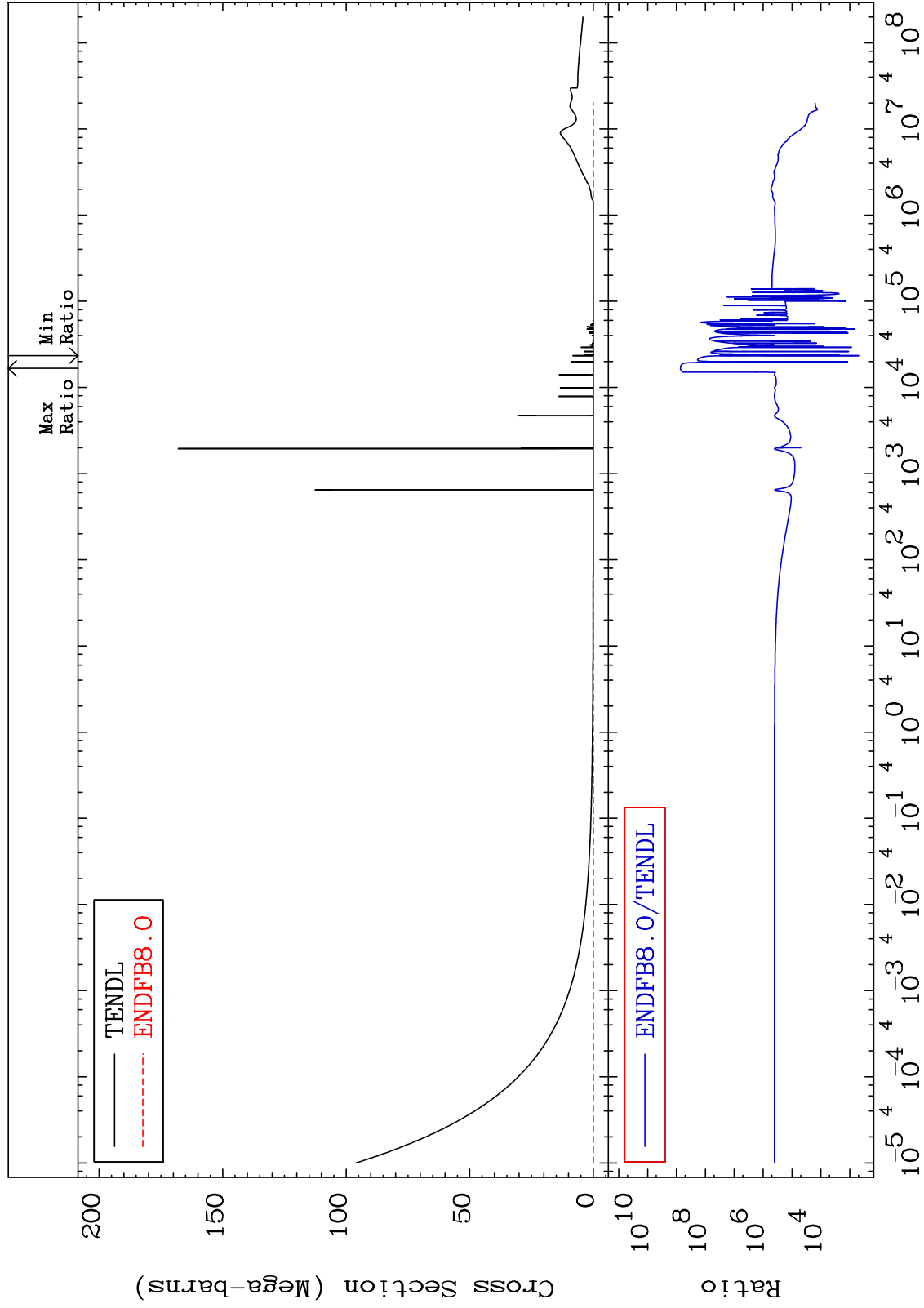
56-Ba-138
9999. To 9999. %



MAT 5649

Total photon (eV-barns)
Cross Section

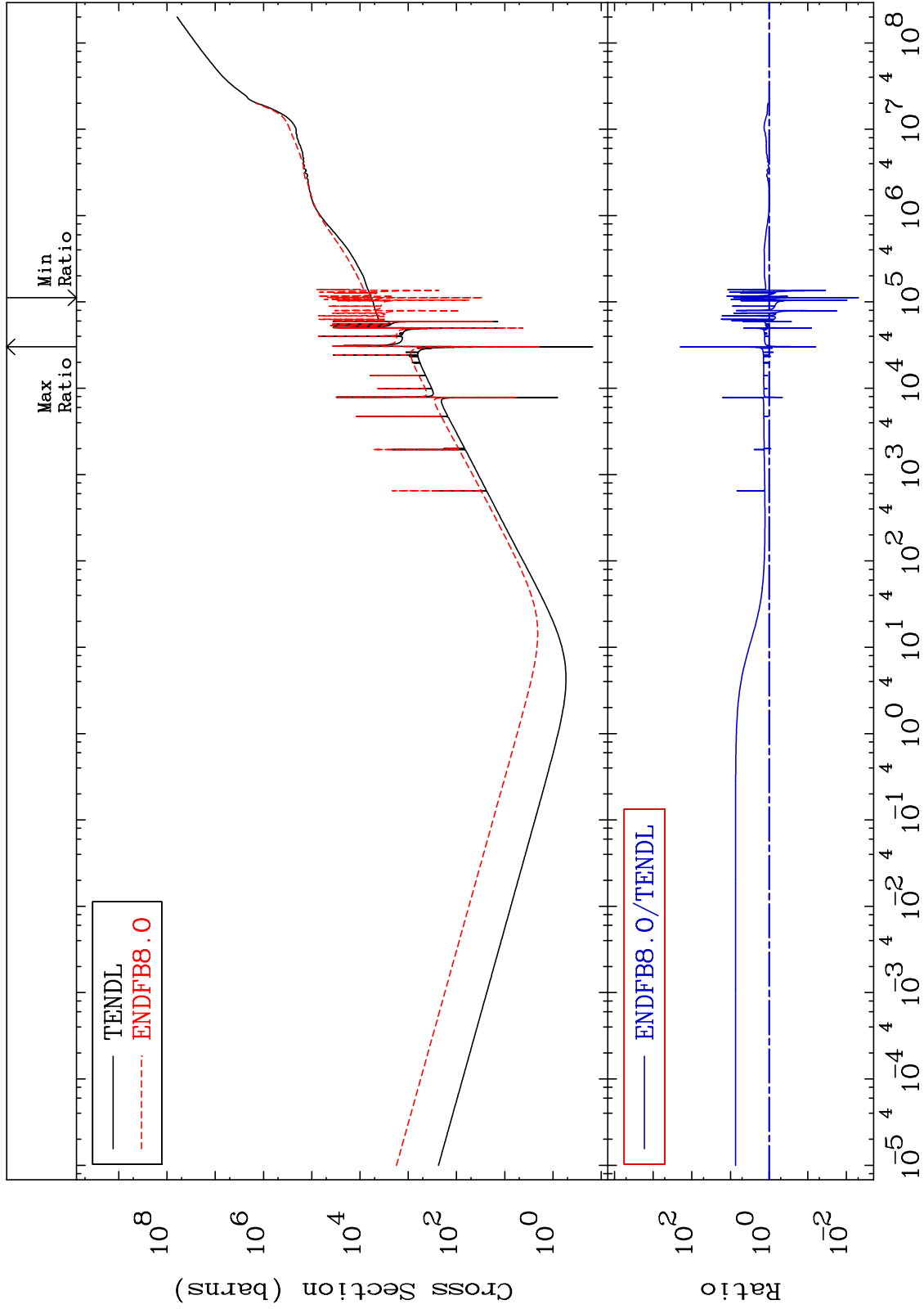
56-Ba-138
9999. To 9999. %



MAT 5649

Total kinematic kerma (high limit)
Cross Section

56-Ba-138
-99.51 To 9999. %



30

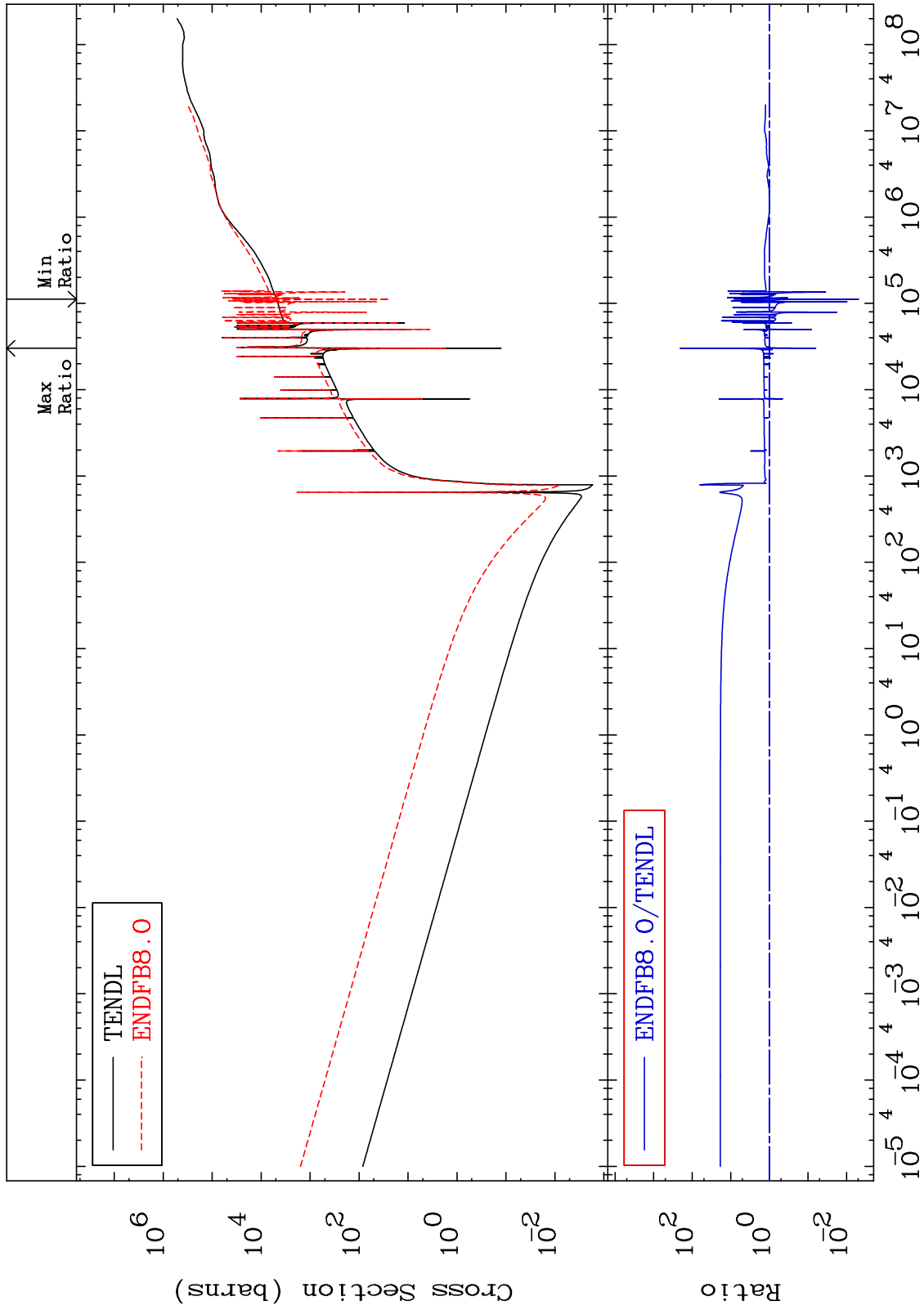
Incident Energy (eV)

56-Ba-138

MAT 5649

Dpa total (eV-barns)
Cross Section

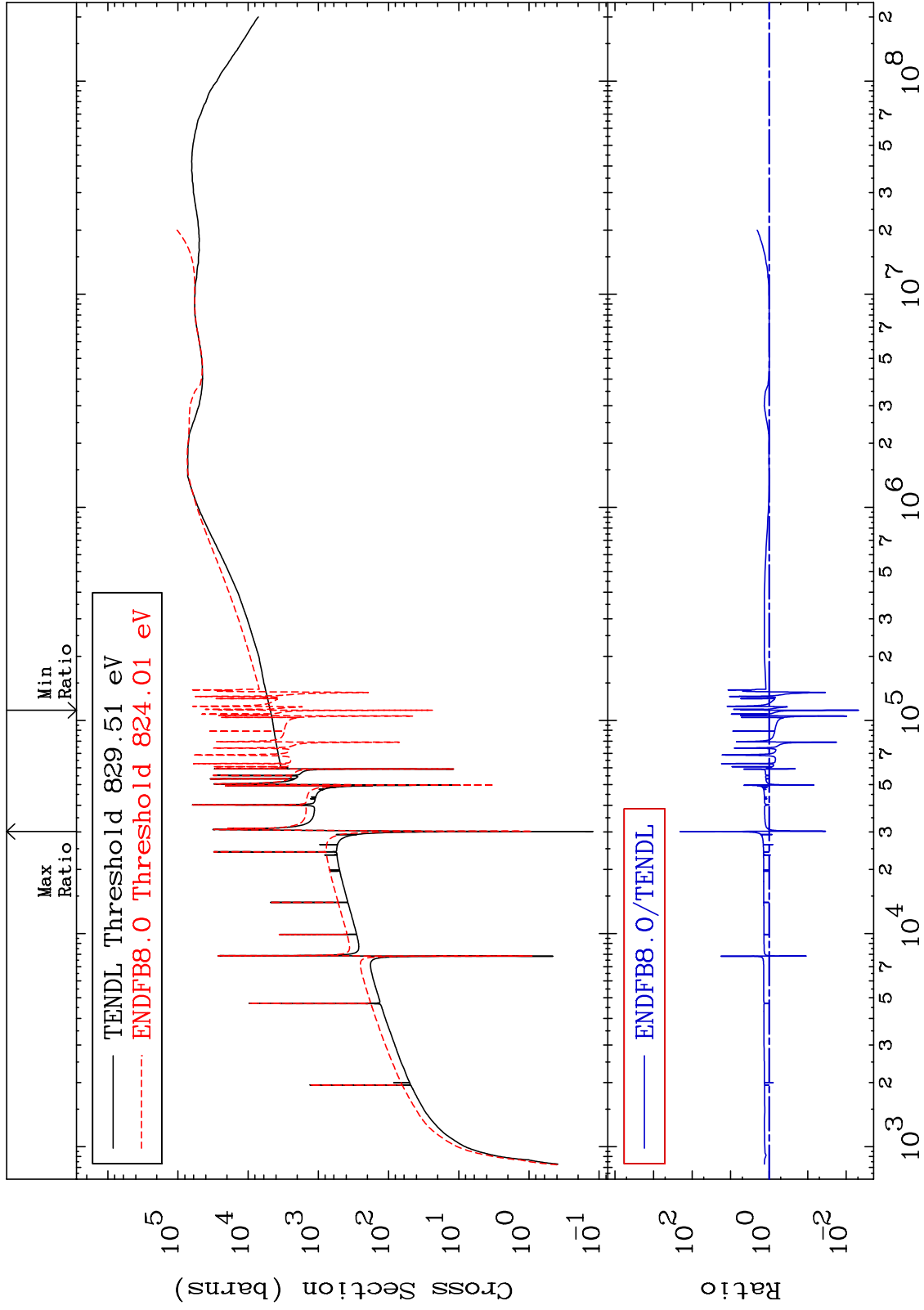
56-Ba-138
-99.51 To 9999. %



MAT 5649

Dpa elastic (mt2)
Cross Section

56-Ba-138
-99.52 To 9999. %



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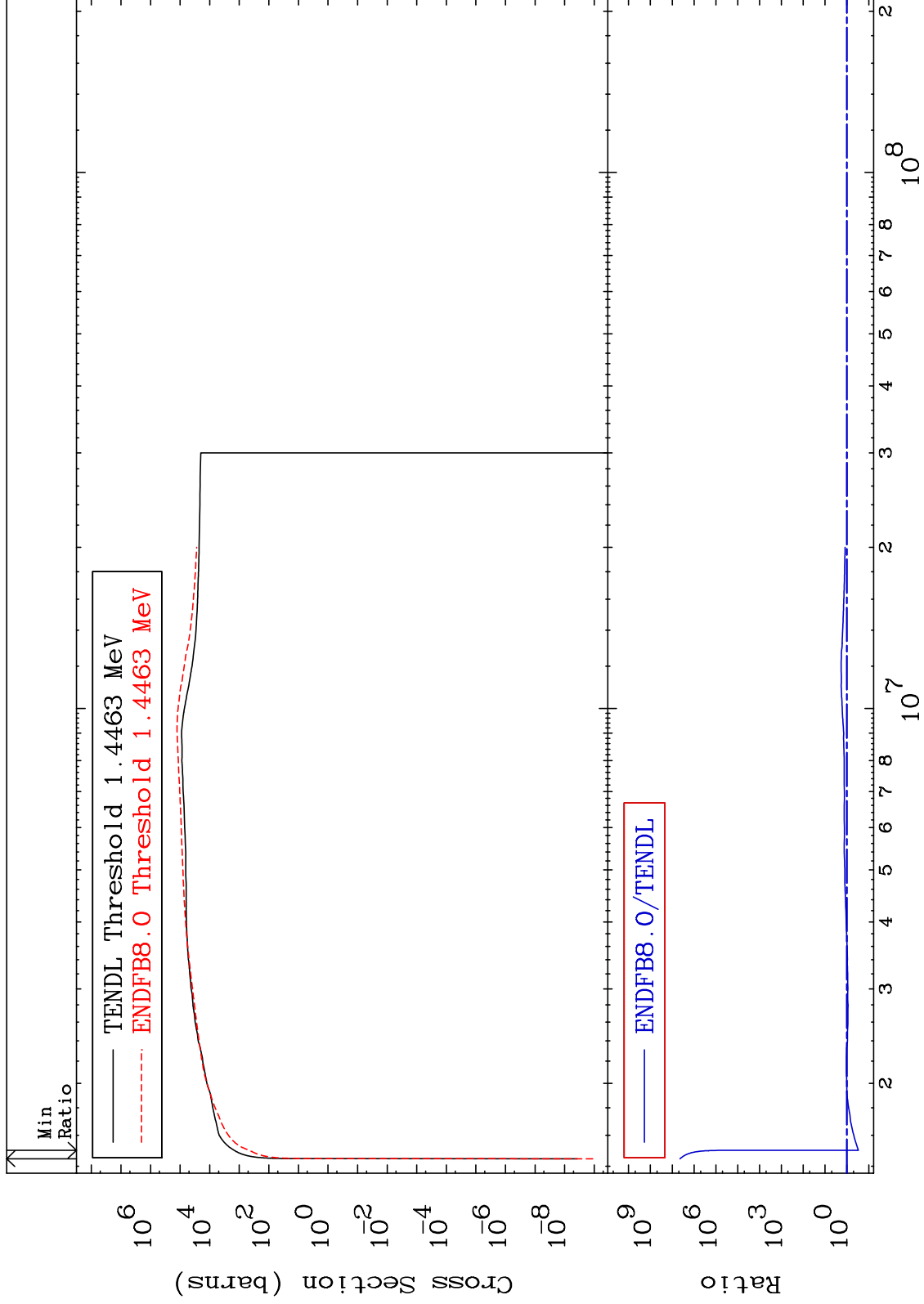
Incident Energy (eV)

56-Ba-138

MAT 5649

Dpa inelastic (mt51-91)
Cross Section

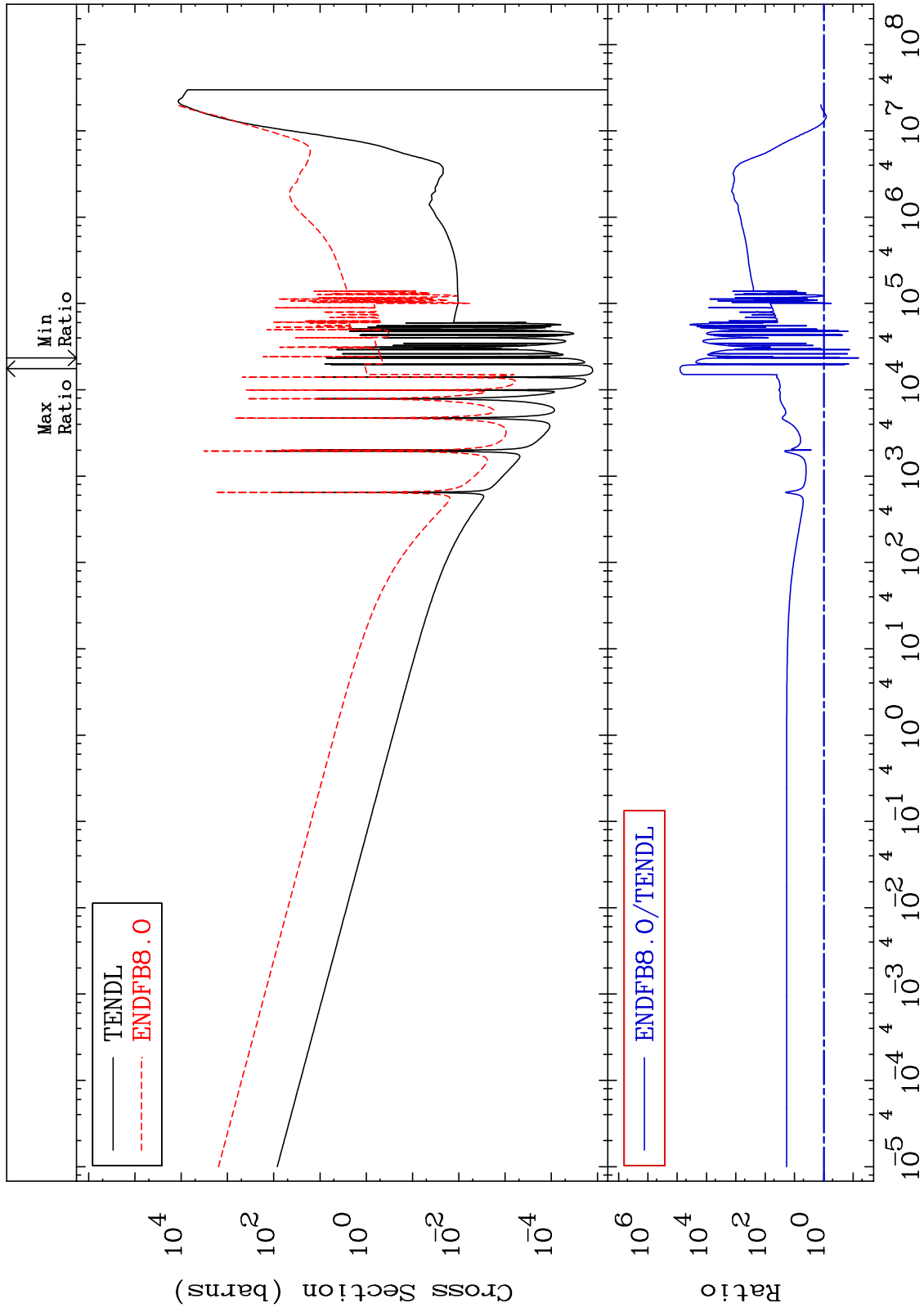
56-Ba-138
-70.27 To 9999. %



MAT 5649

Dpa disappearance (mt102 -120)
Cross Section

56-Ba-138
-93.39 To 9999. %



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Incident Energy (eV)

56-Ba-138